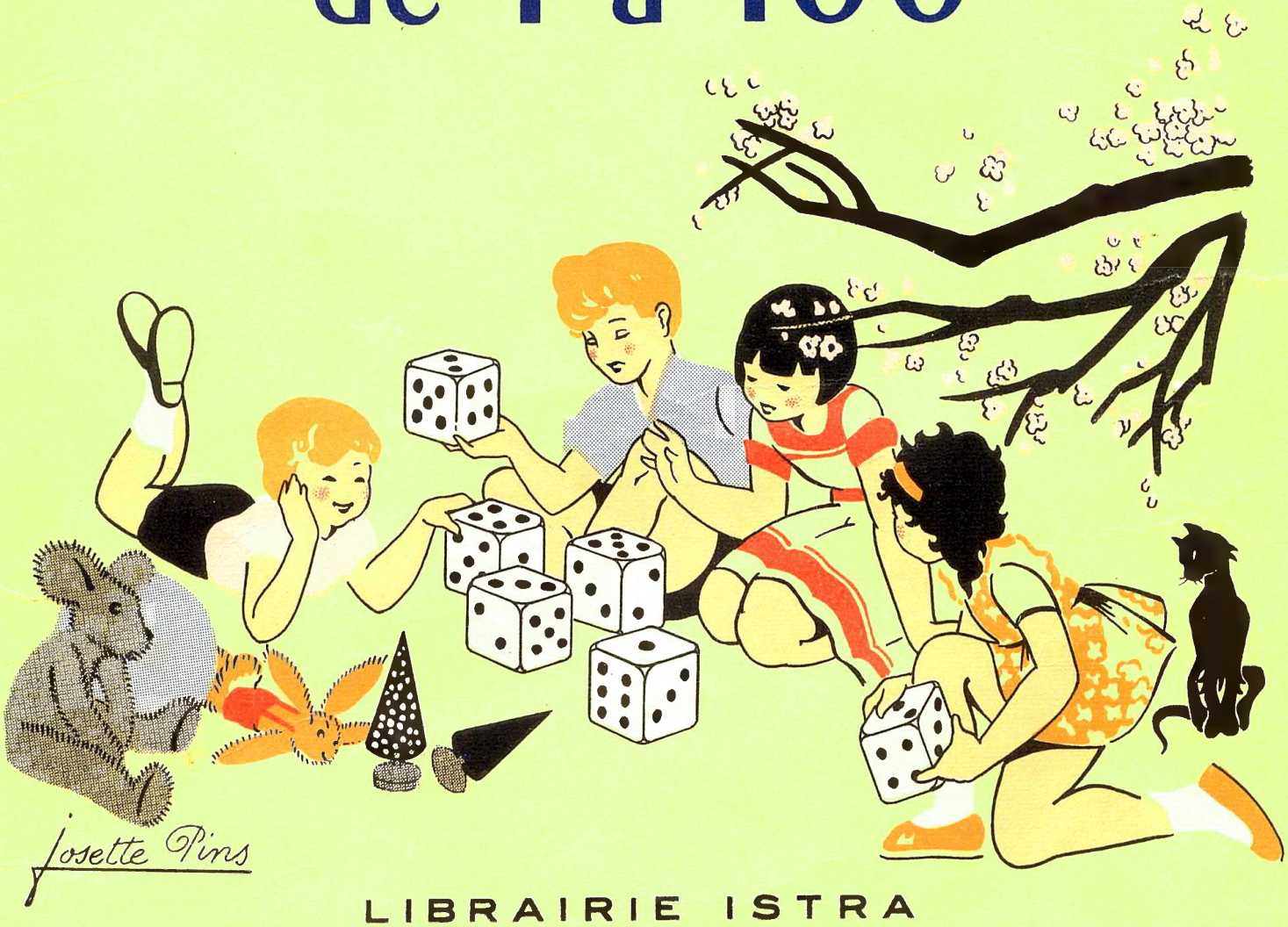
H. MORGENTHALER
INSPECTEUR
DE L'ENSEIGNEMENT PRIMAIRE

Mme M. ISNARD
INSTITUTRICE

MÉTHODE DE CALCUL

Cours préparatoire - Classe de 11e des Lycées

PAS A PAS de 1 à 100



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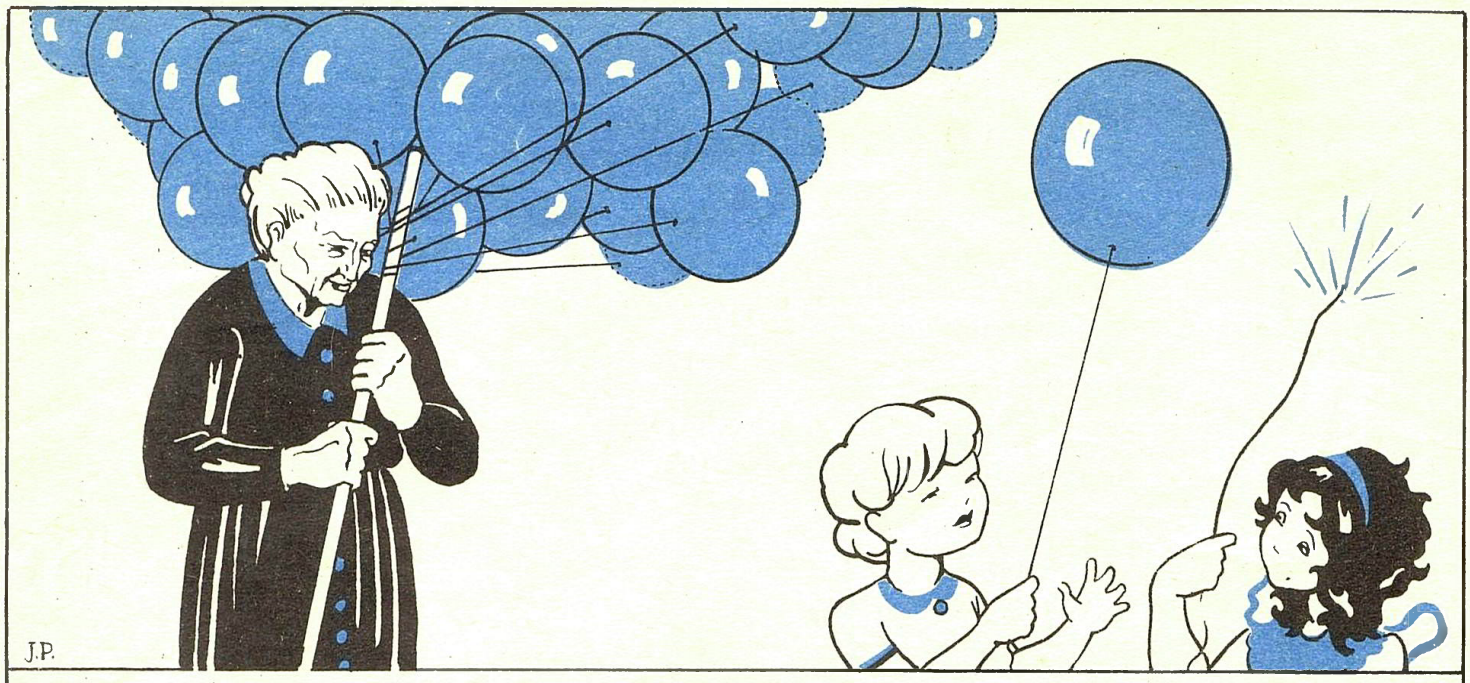

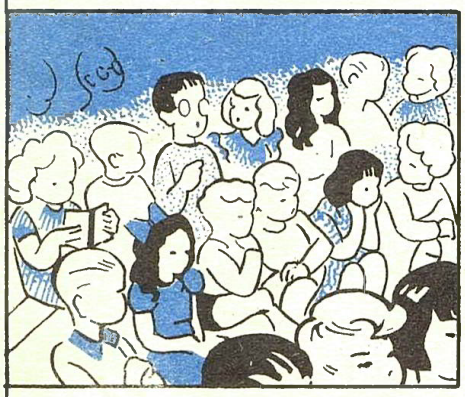

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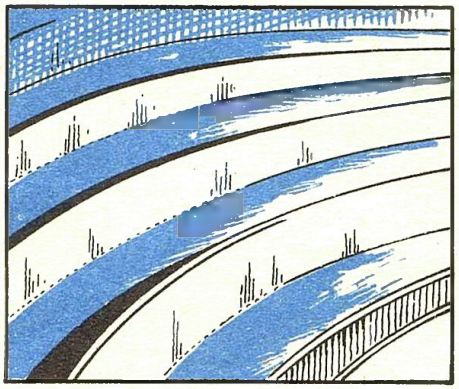

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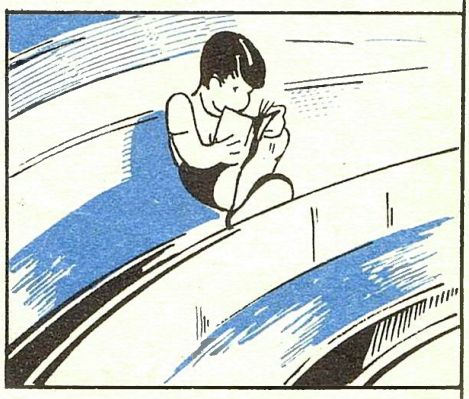

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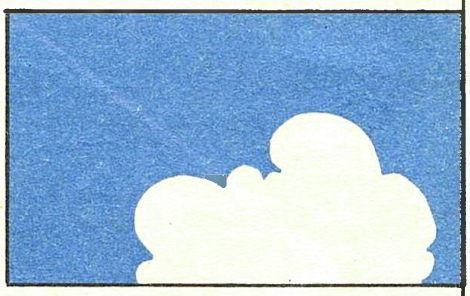

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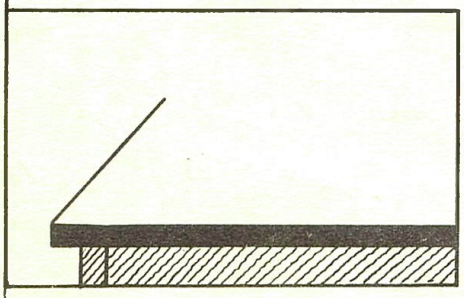

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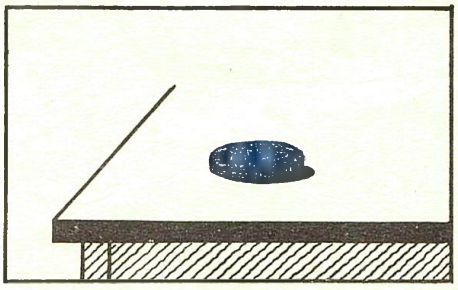

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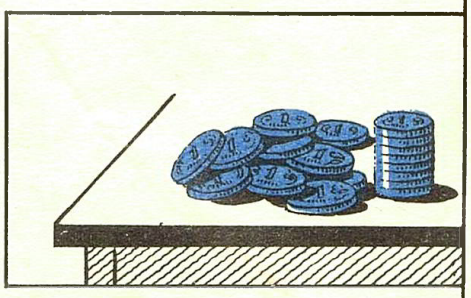

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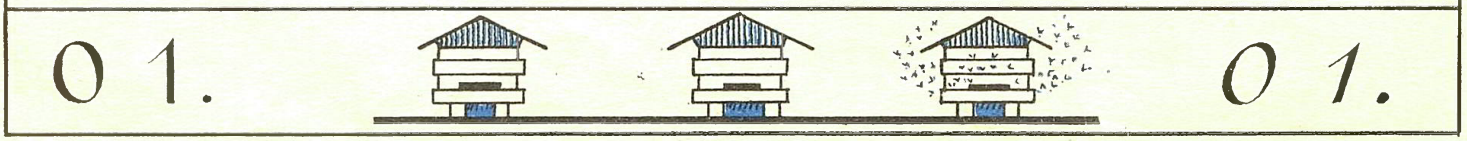

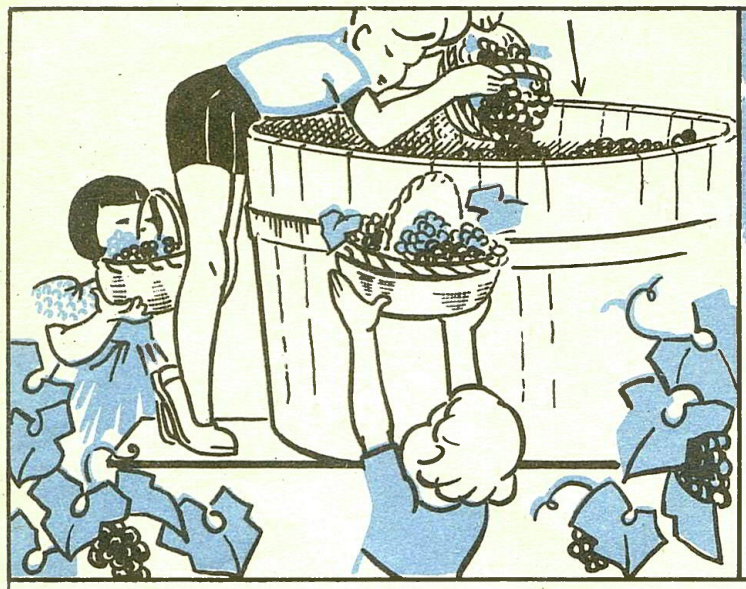

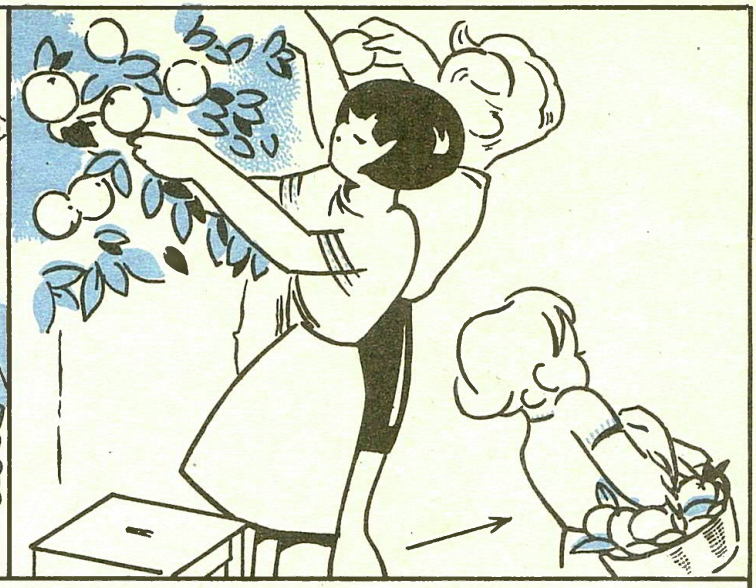

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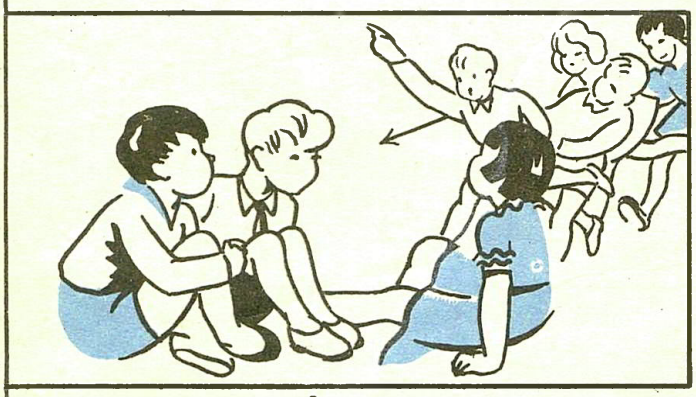

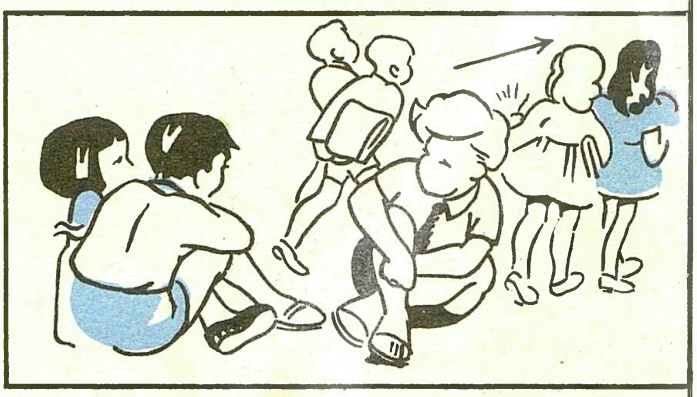

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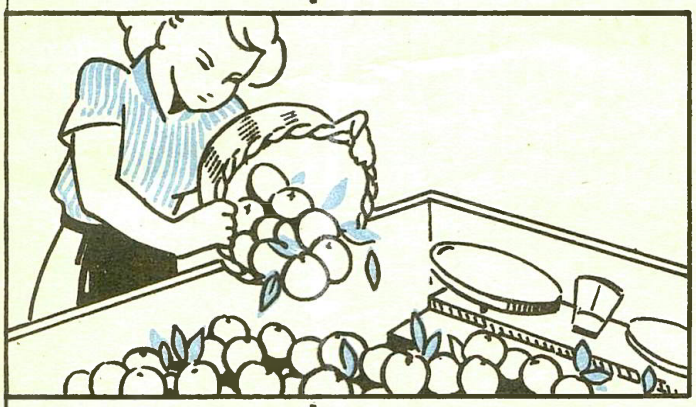

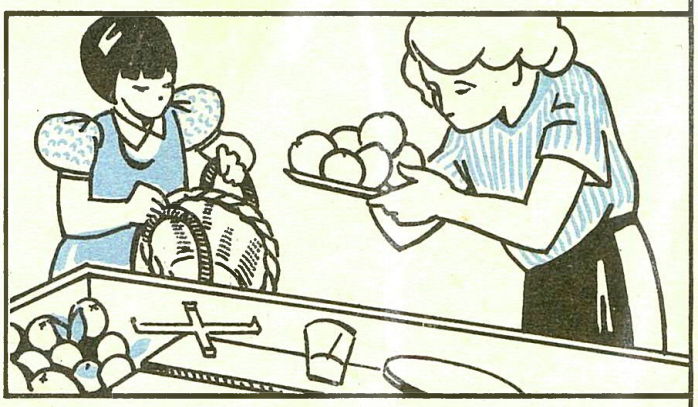

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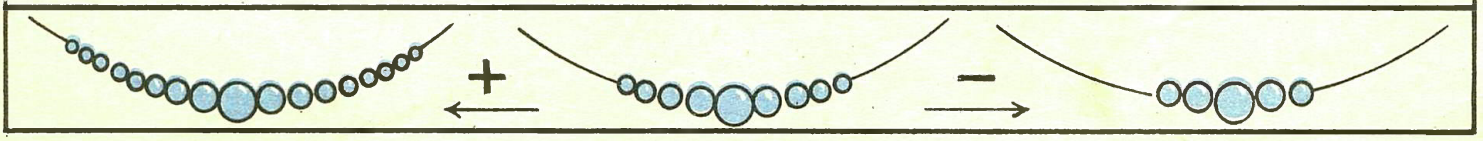

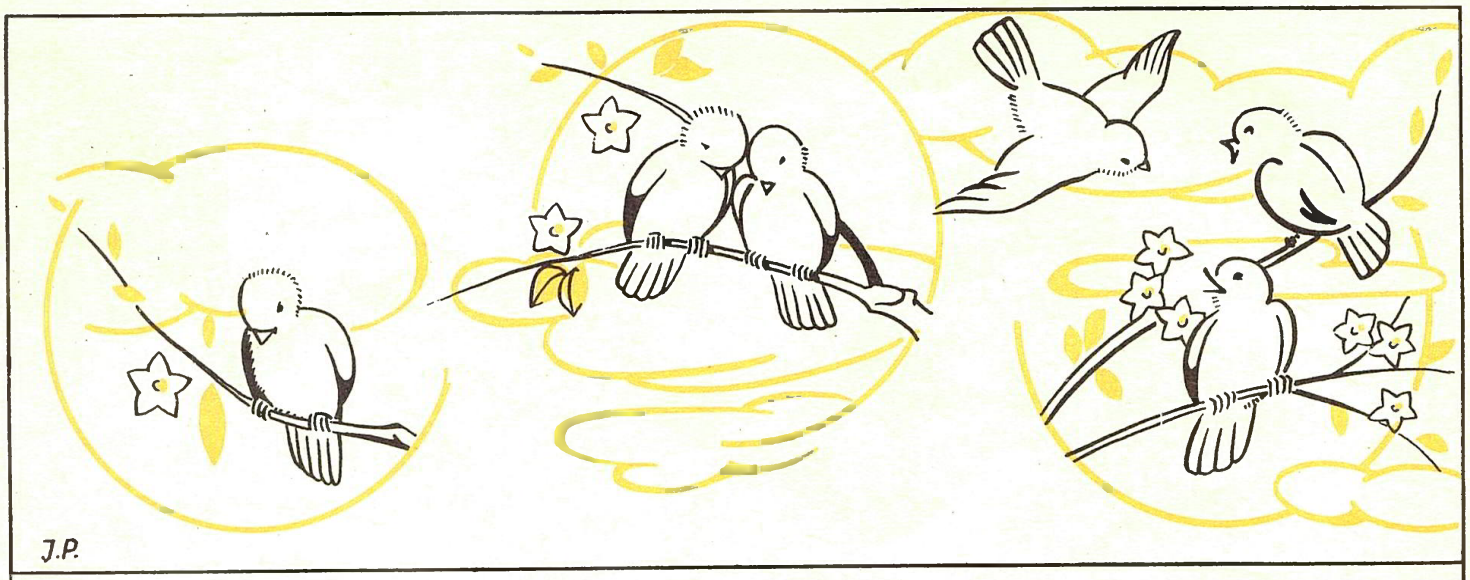
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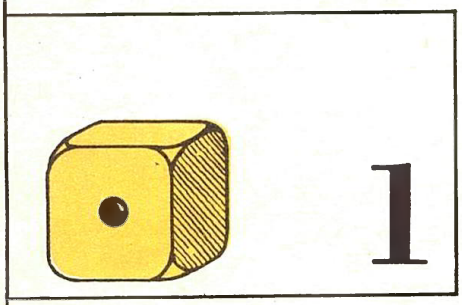
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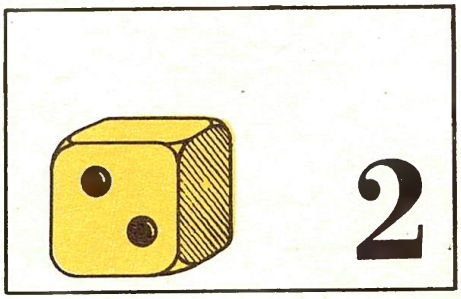
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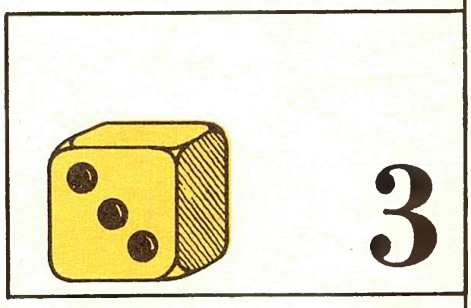
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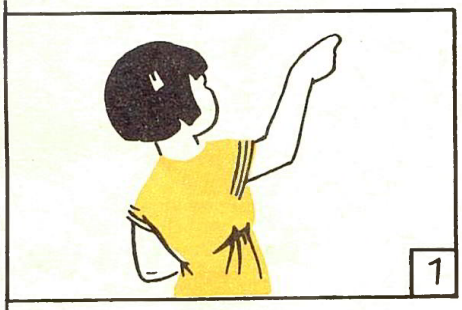
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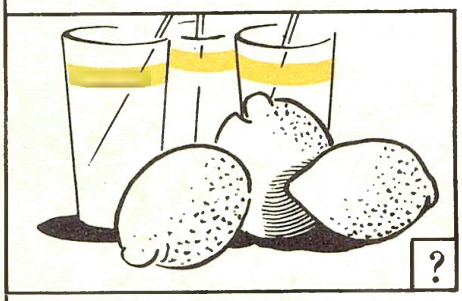
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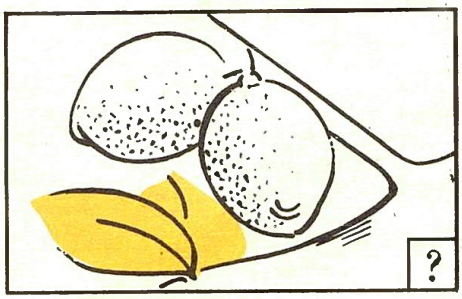
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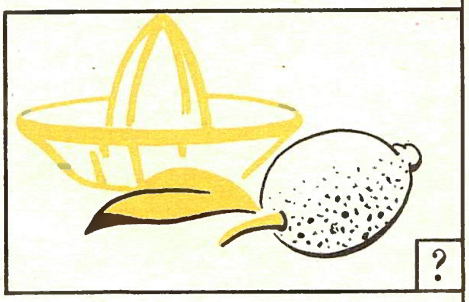
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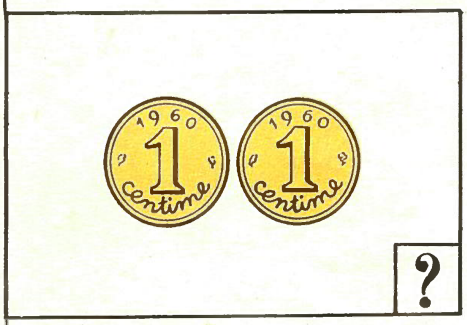
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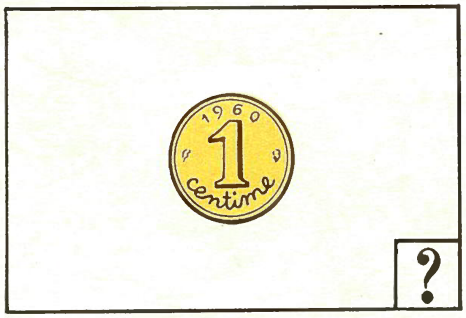
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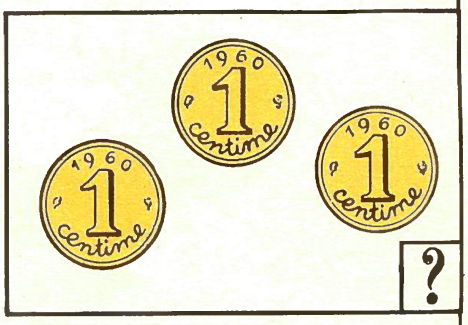
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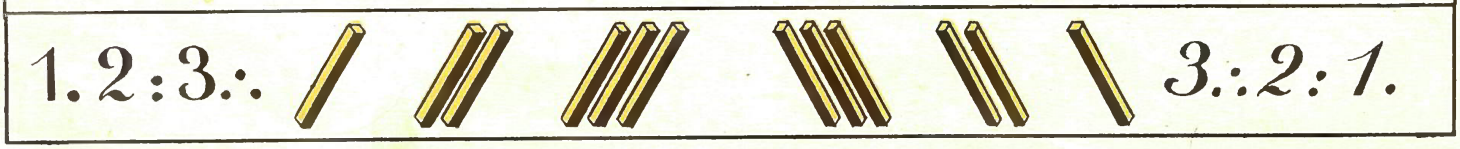
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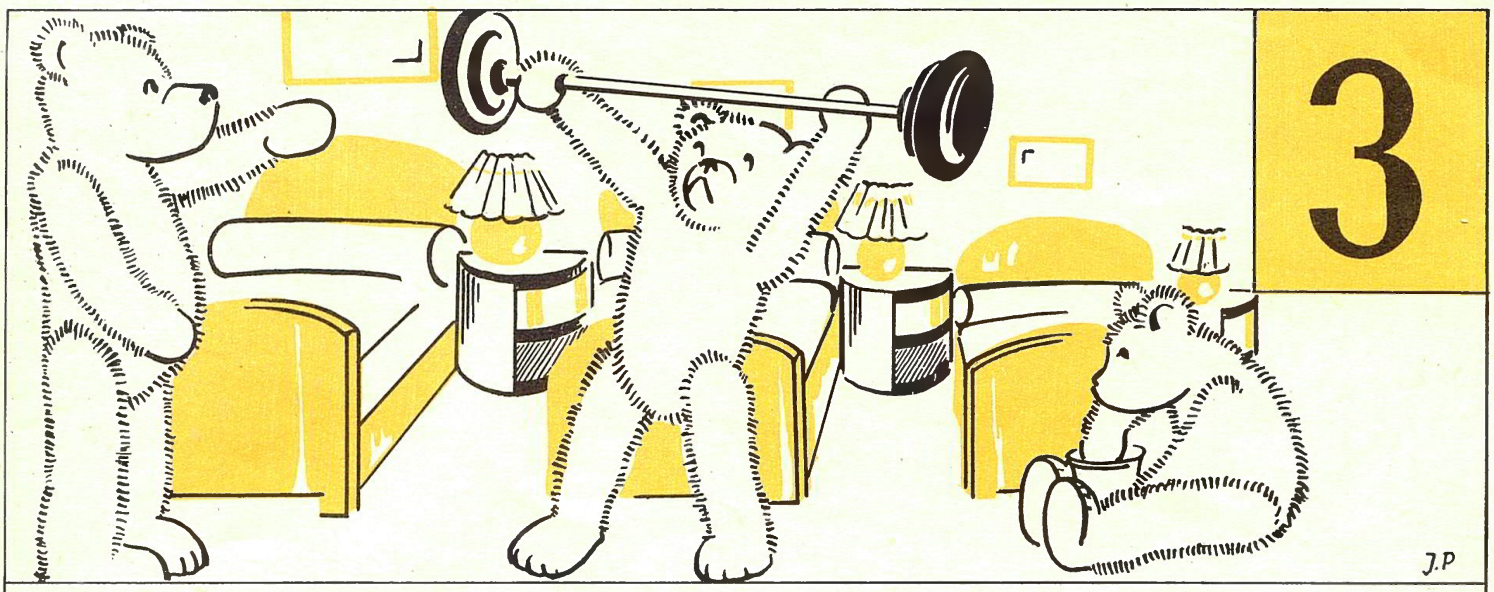

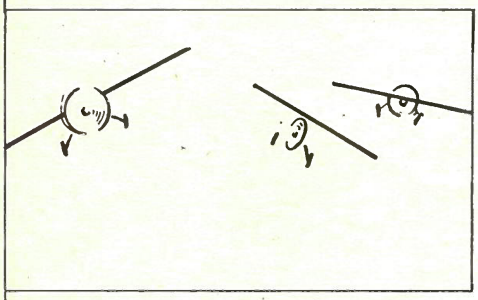

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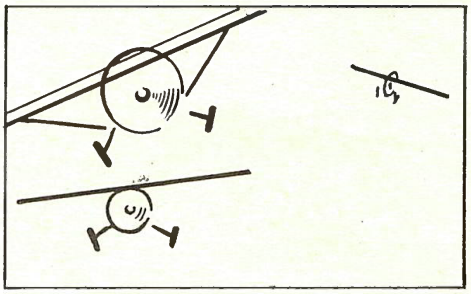

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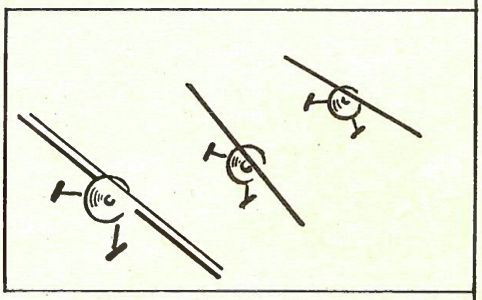

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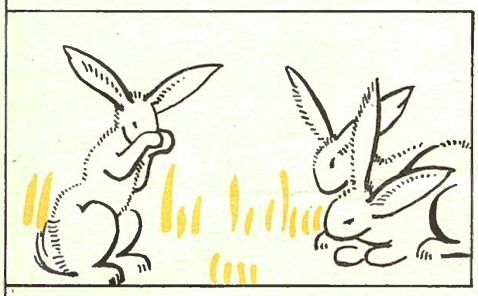

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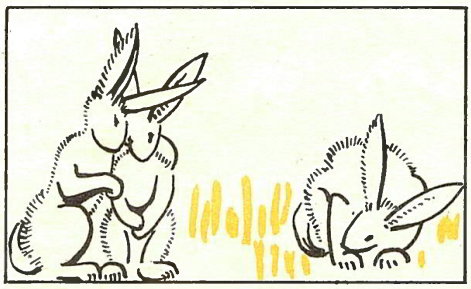

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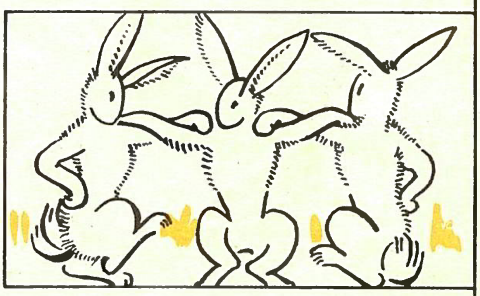

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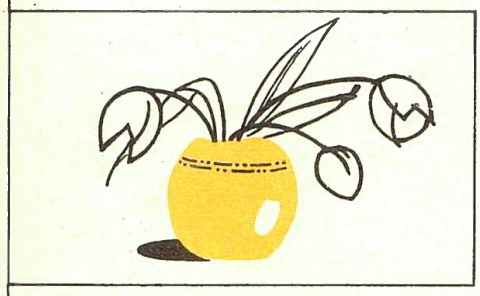

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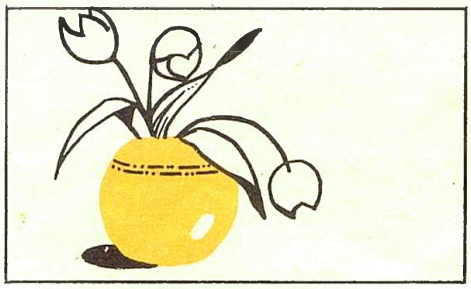

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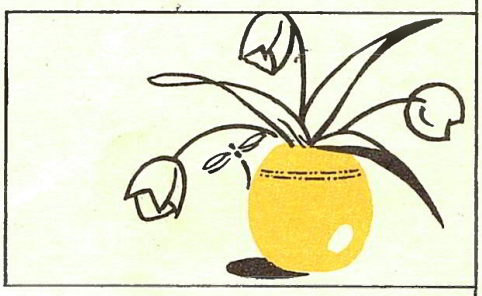

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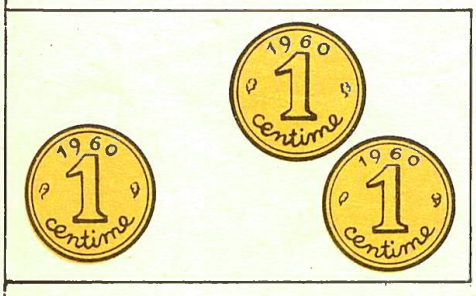

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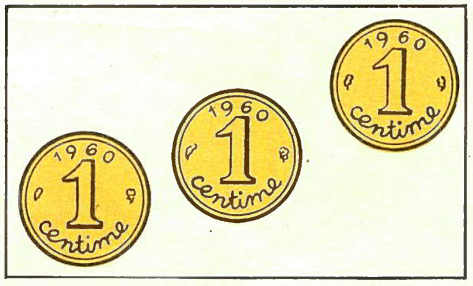

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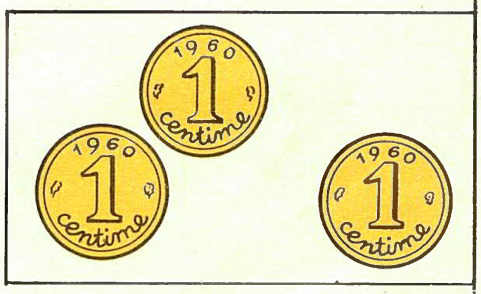

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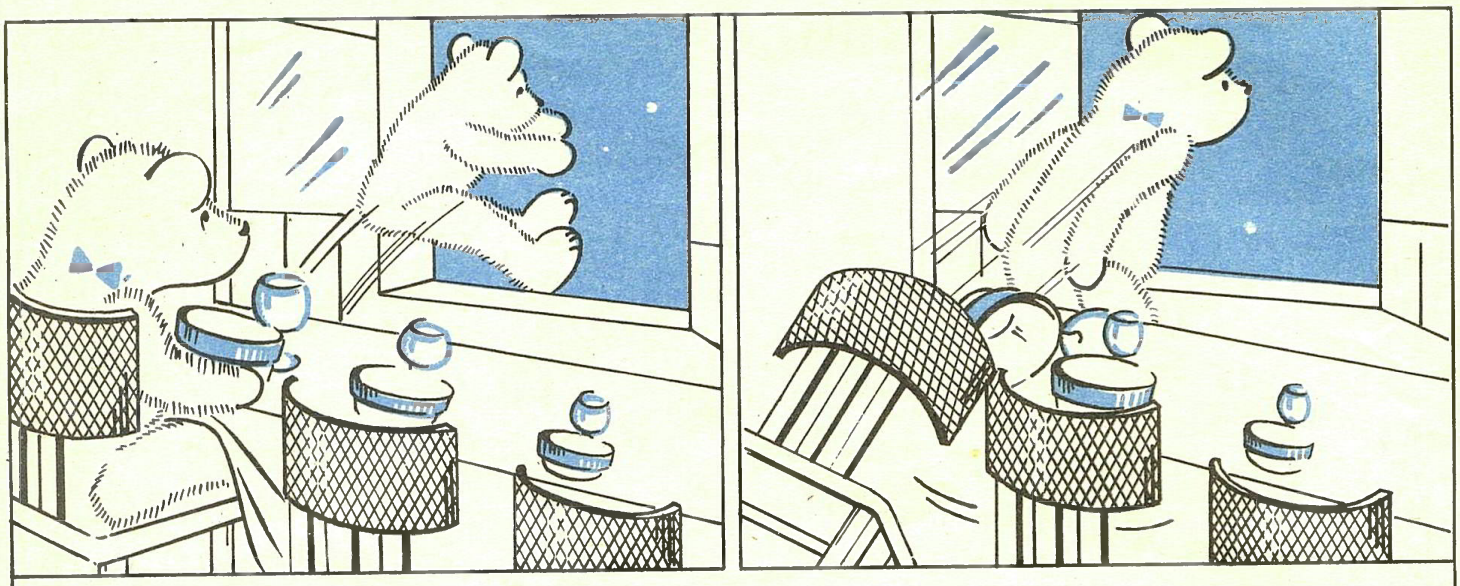

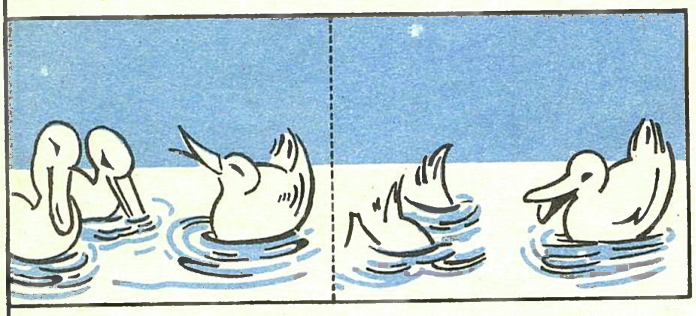

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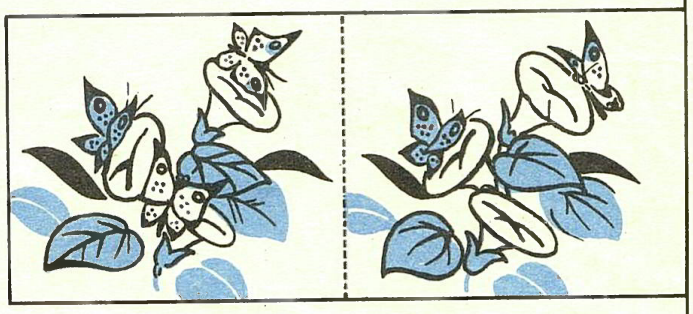

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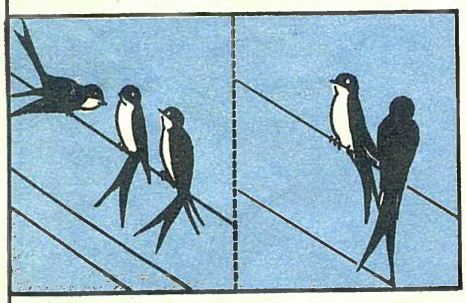

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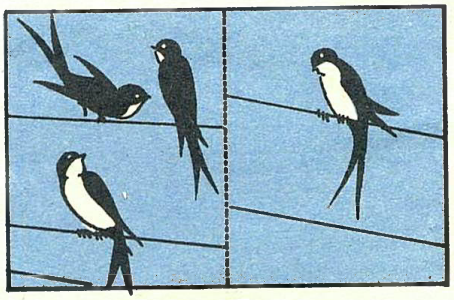

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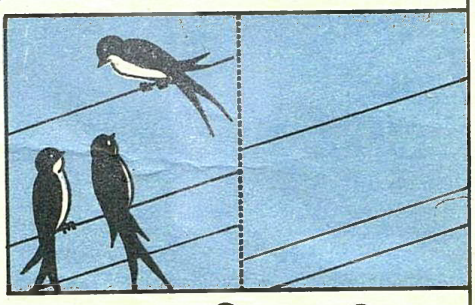

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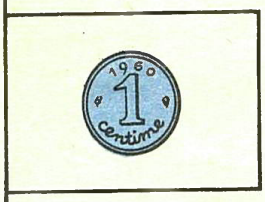

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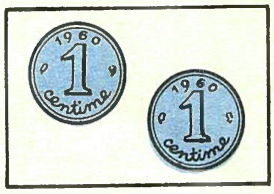
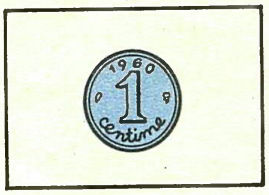
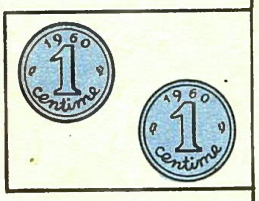


2 + ? = 3

0 + ? = 3



1 + ? = 3



2 + ? = 3

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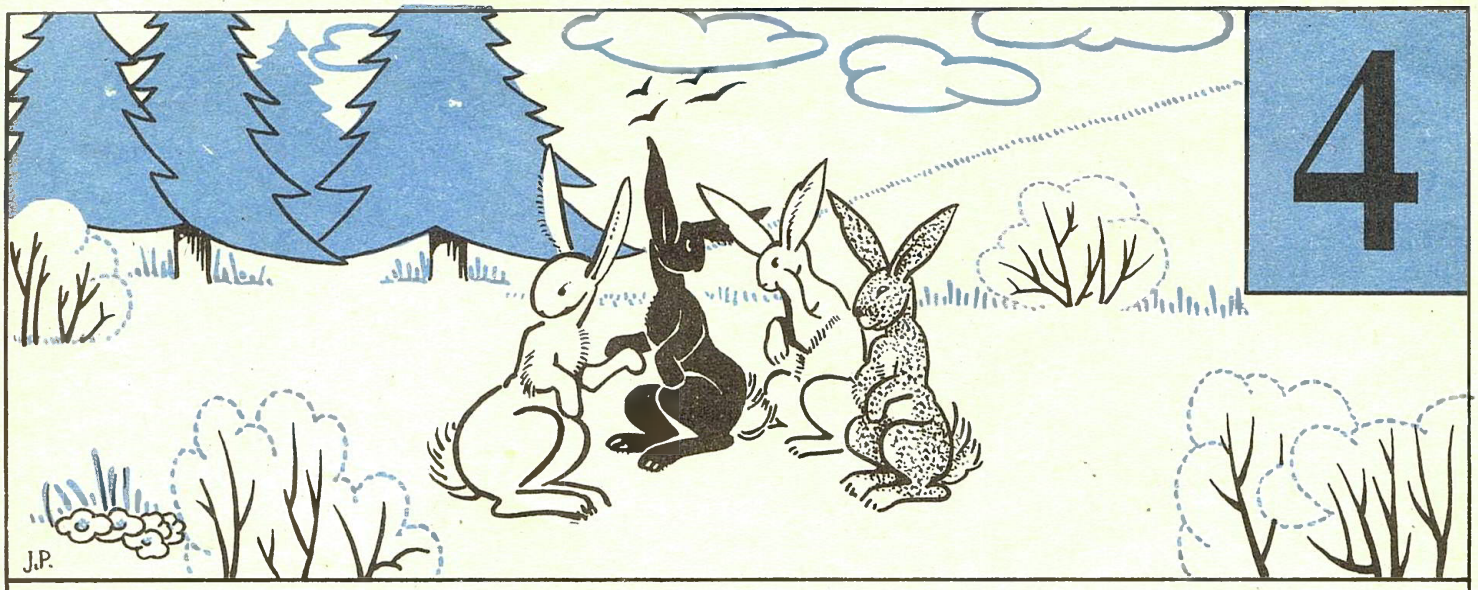
3 = 2 + .	1 + ? = 3	3 − 1 = .	3 = 2 + . ou . + .
3 = 1 + .	2 + ? = 3	3 − 0 = .	3 = 1 + . ou . + .
3 = 2 + .	1 + ? = 3	3 − 2 = .	3 = 2 + . ou . + .

2 + 1 = 3 **1 + 2 = 3**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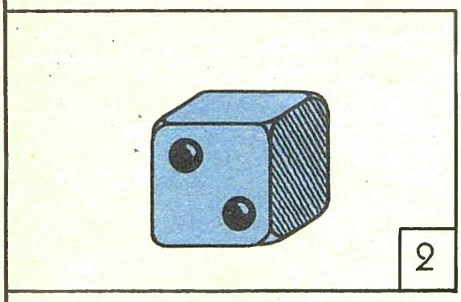
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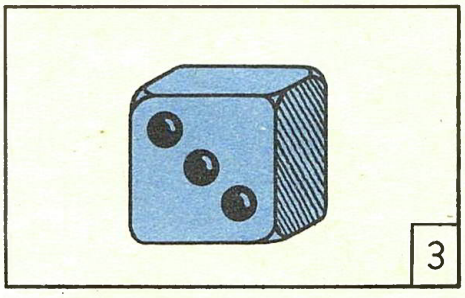
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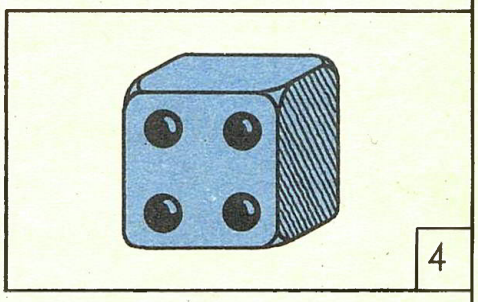
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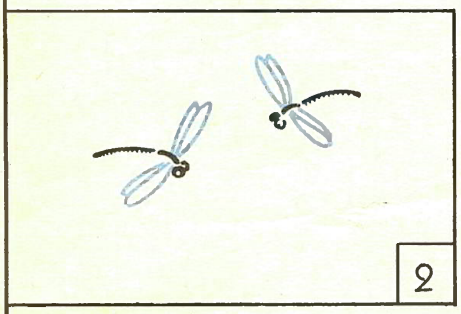
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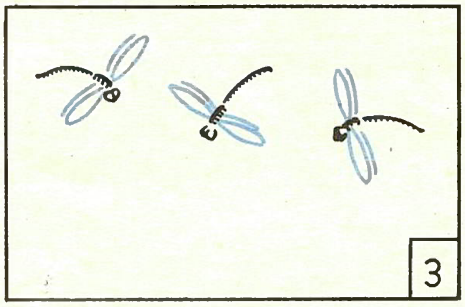
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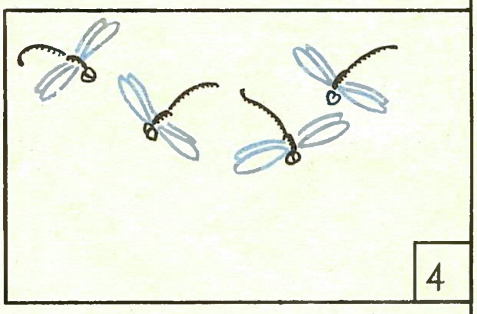
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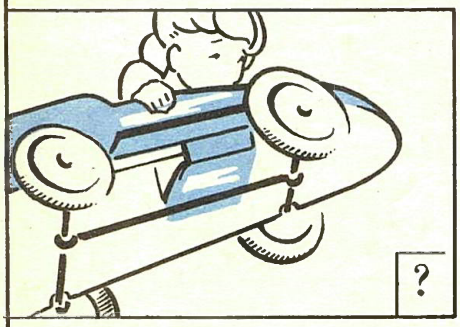
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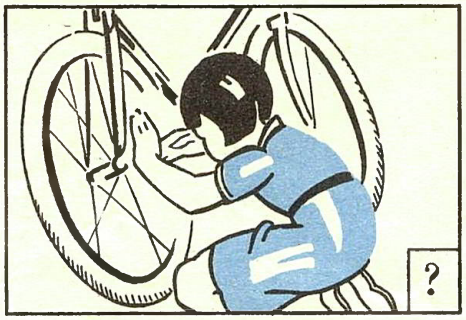
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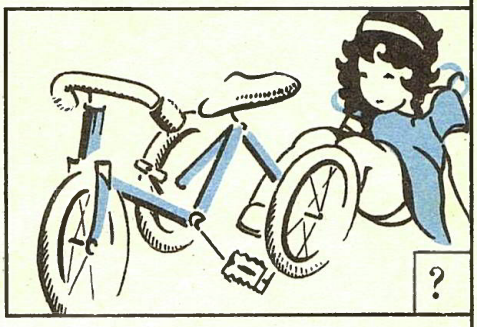
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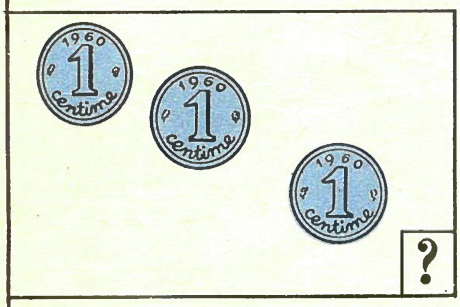
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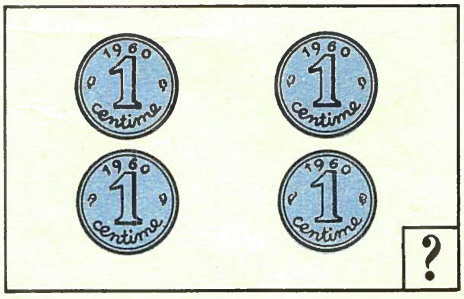
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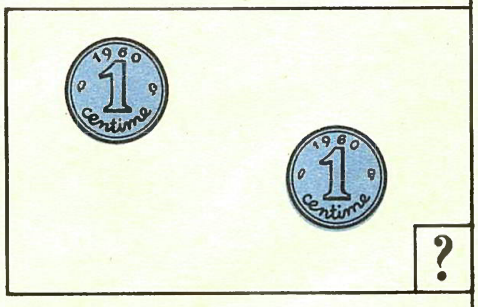
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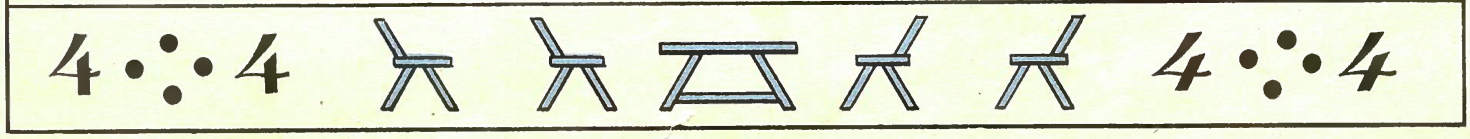
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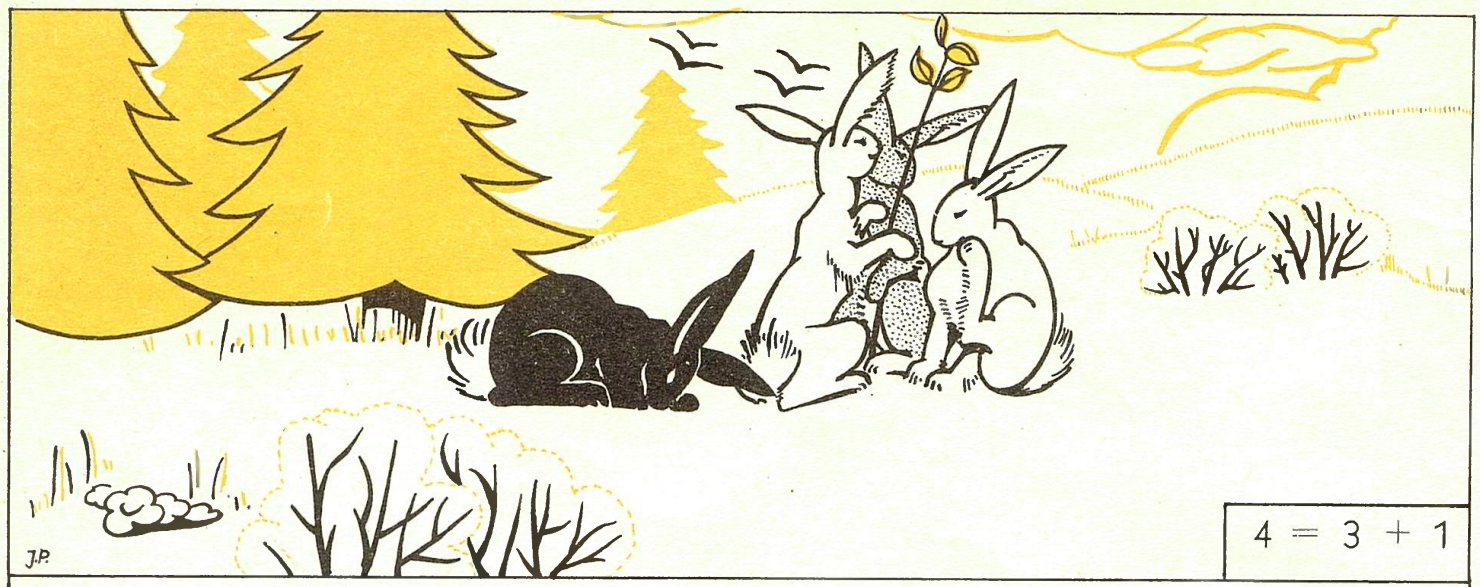
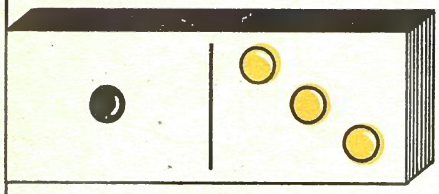
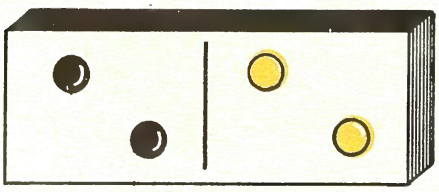
4
4
4



4 = 3 + 1



4 = 1 + 3 ou . + .



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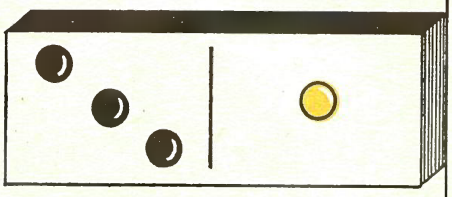
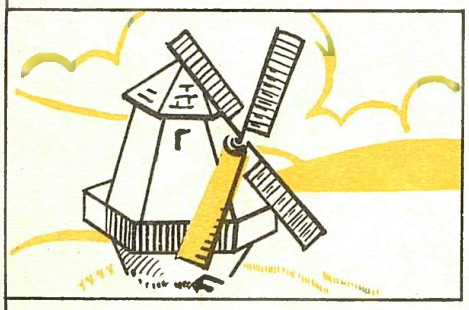
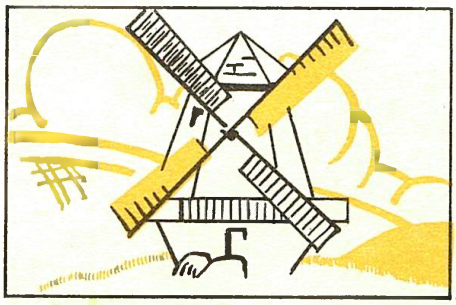


4 = 3 + 1 ou . + .



4 = 1 + 3 ou . + .



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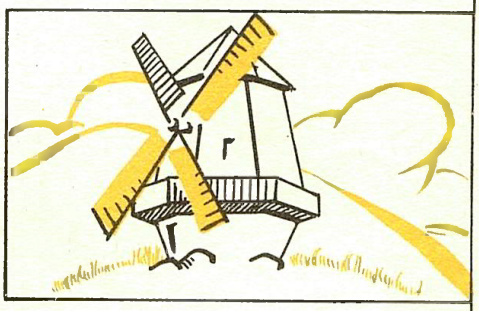
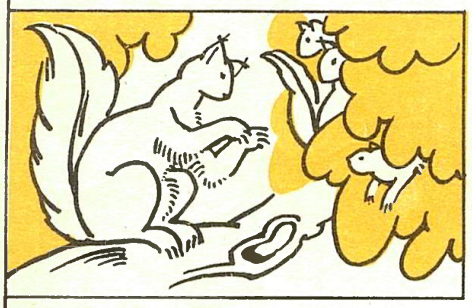
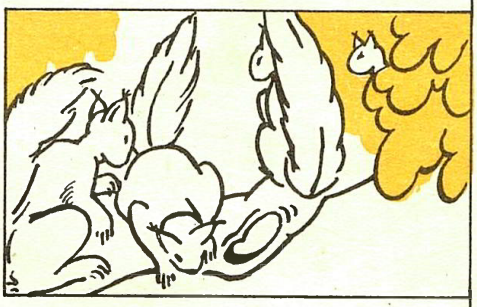


4 = 3 + 1 ou . + .

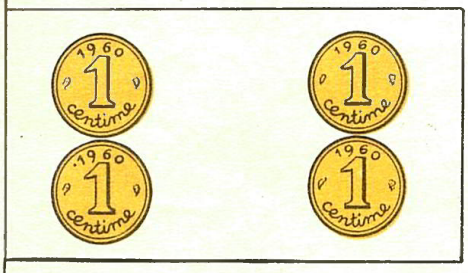


4 = 1 + . ou . + .

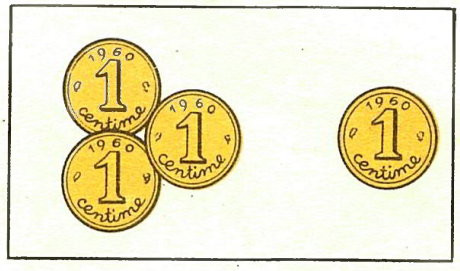
4 = 2 + . ou . + .



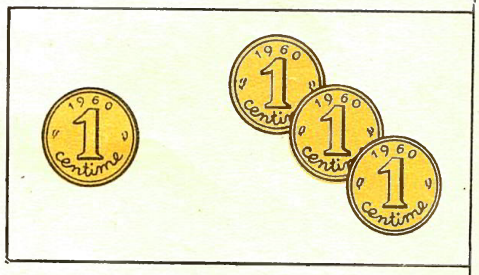
4 = 3 + . ou . + .



4 = . + . ou . + .

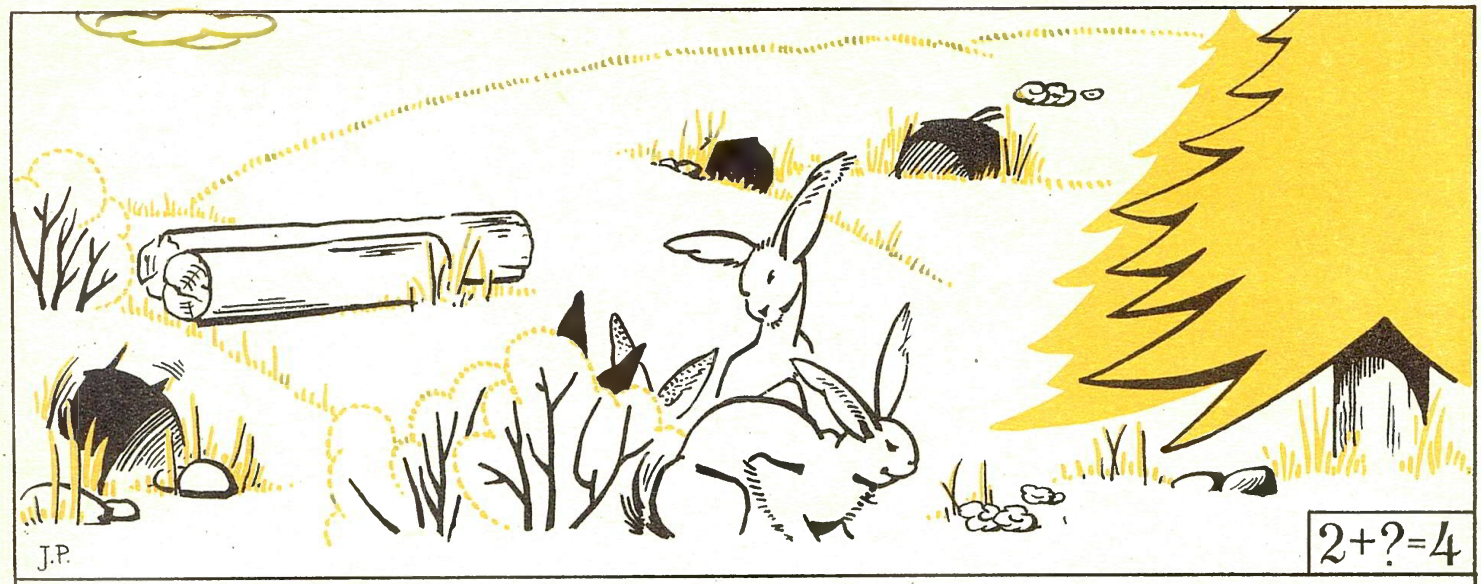


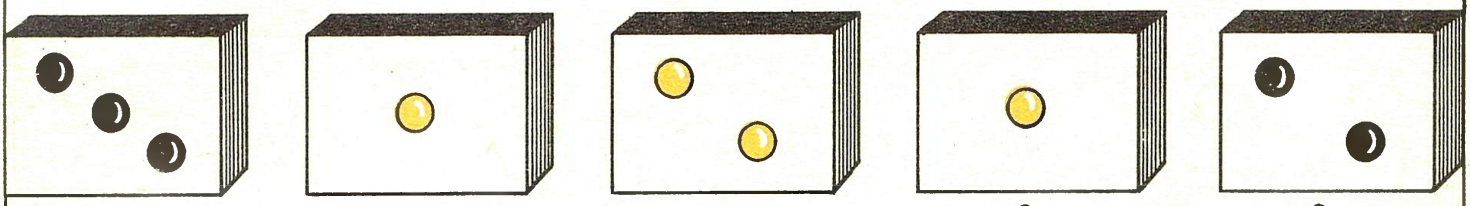
4 = . + . ou . + .



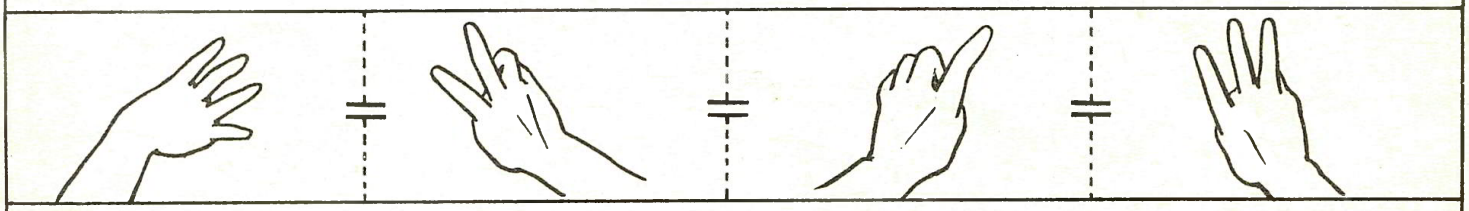
4 = . + . ou . + .

4 = 3 + 1 4 = 1 + 3





3 + ? = 4 | 1 + ? = 4 | 2 + ? = 4 | 1 + ? = 4 | 2 + ? = 4



4 = 2 + . = 1 + . = 3 + .

① 4 = 3 + .
4 = 2 + .
4 = 1 + .
4 = 0 + .

② 1 + ? = 4
3 + ? = 4
2 + ? = 4
1 + ? = 3

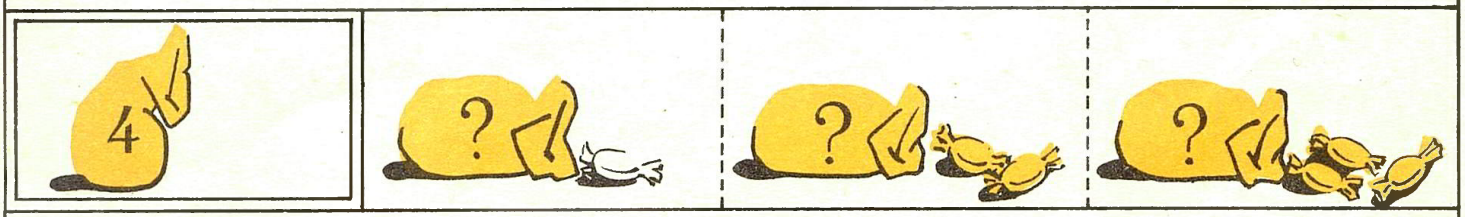
③ 4 − 2 = .
4 − 1 = .
4 − 3 = .
3 − 1 = .

④ 4 − ? = 3
4 − ? = 1
4 − ? = 2
3 − ? = 1

① 3 + 1 = .
1 + 3 = .
2 + 2 = .
1 + 2 = .

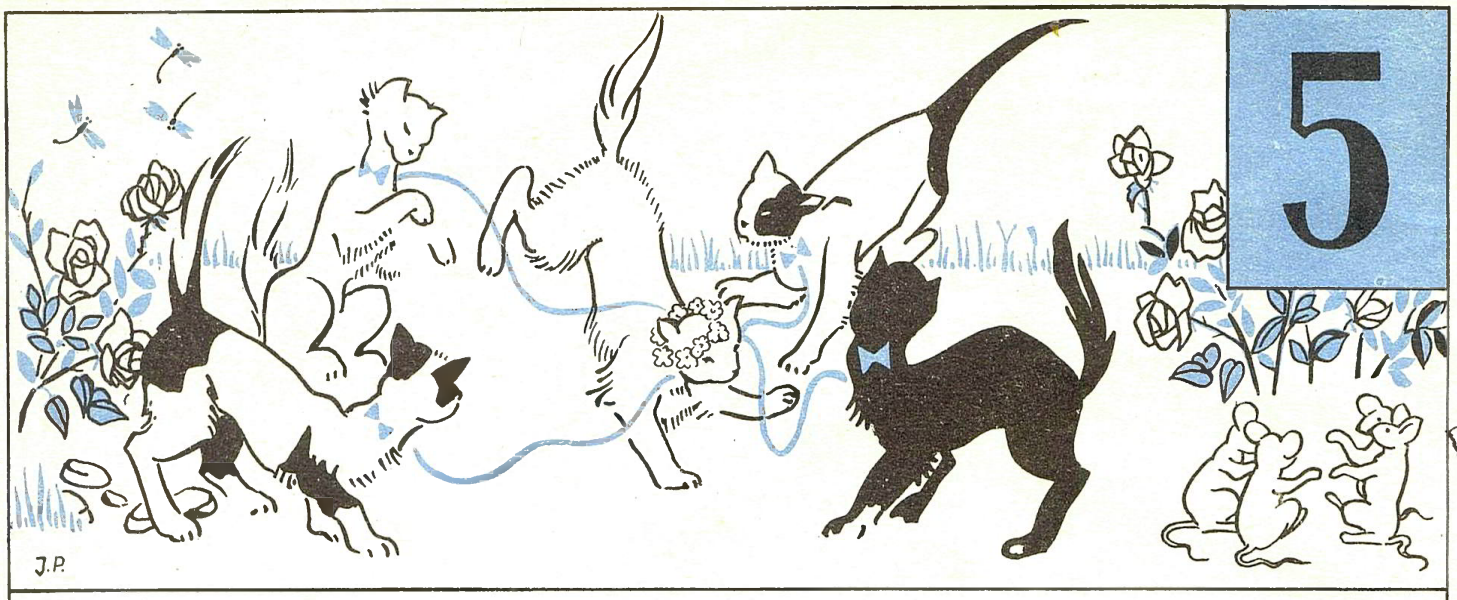
② 4 − 1 = .
4 − 2 = .
3 − 2 = .
4 − 3 = .

③ 4 = 3 + . ou . + .
4 = 2 + . ou . + .
4 = 1 + . ou . + .
4 = 0 + . ou . + .



4 | 4 − 1 = . | 4 − 2 = . | 4 − 3 = .

4-2=2 4-3=1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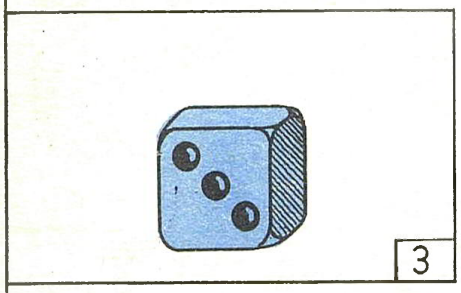
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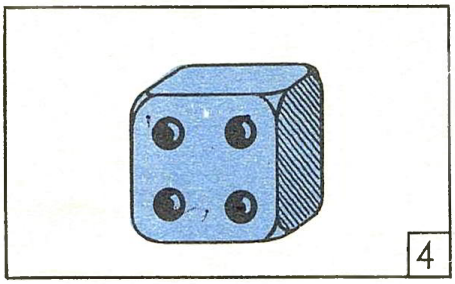
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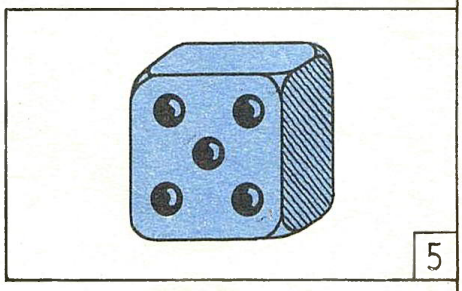
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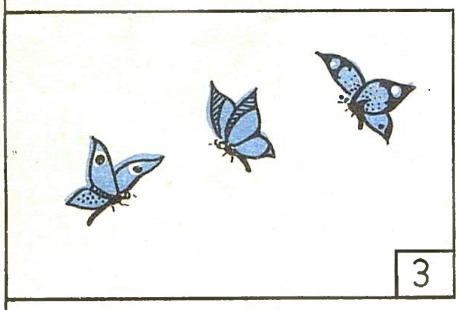
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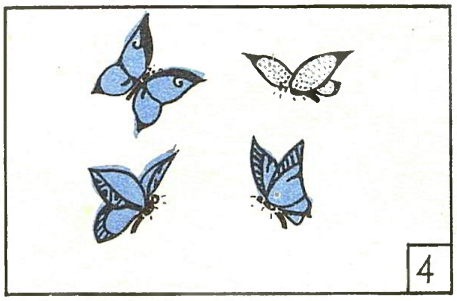
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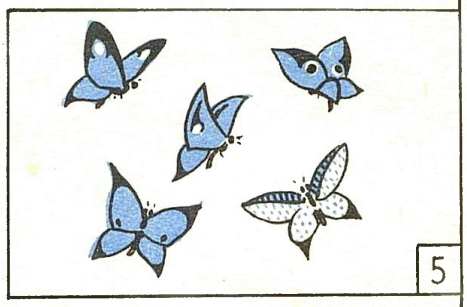
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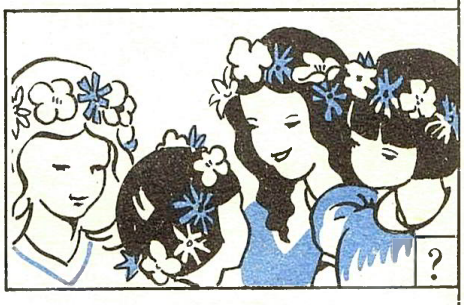
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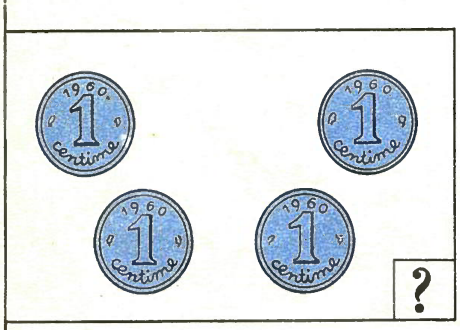
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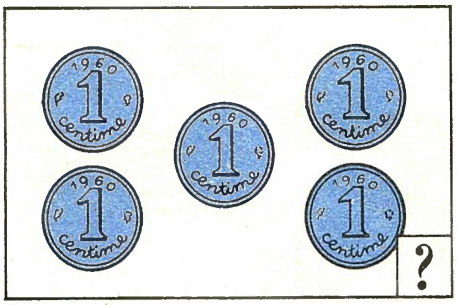
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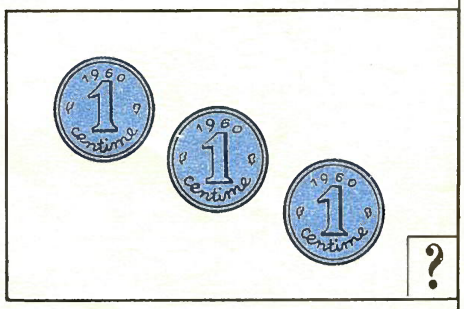
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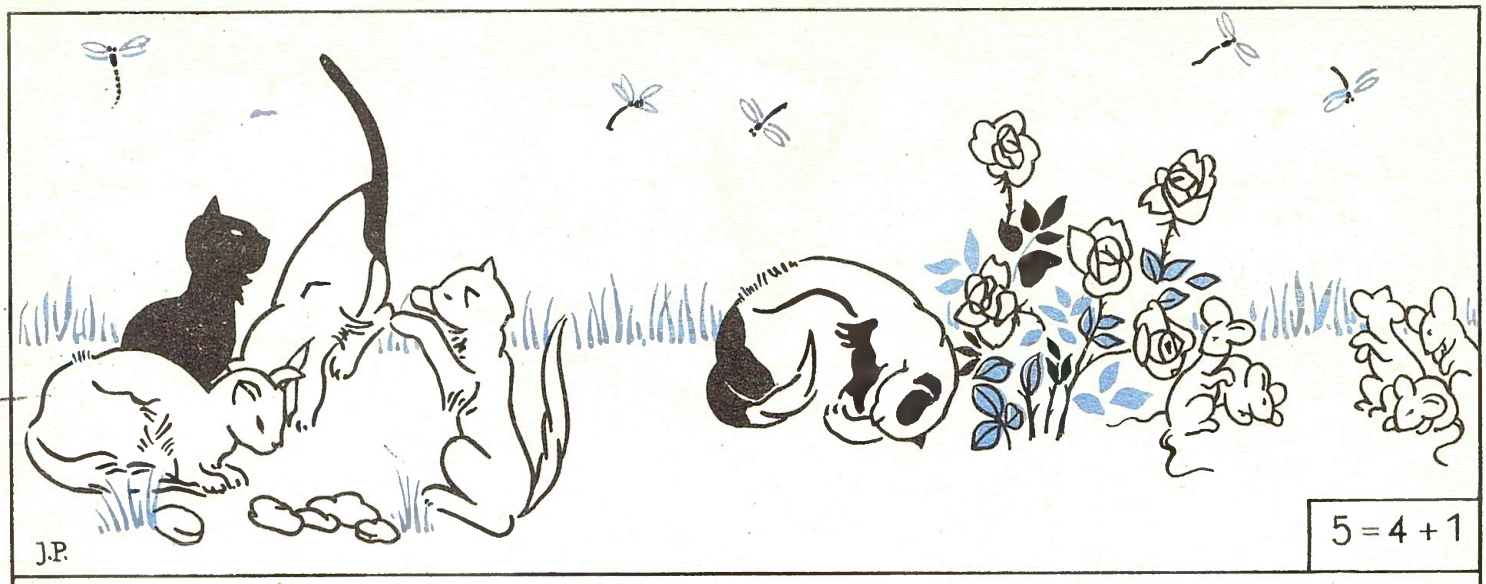
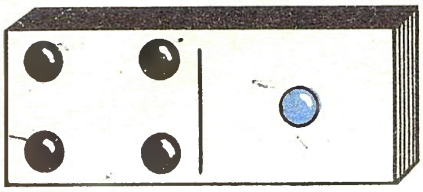
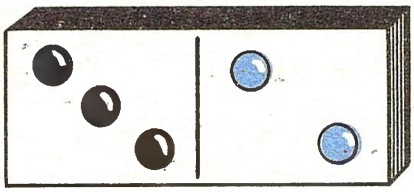
5 ∴ 5 ∴
∴ 5 ∴ 5



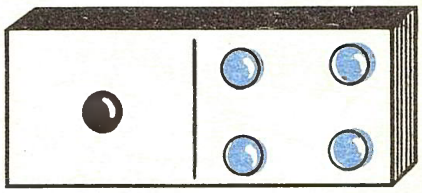
5 = 4 + 1



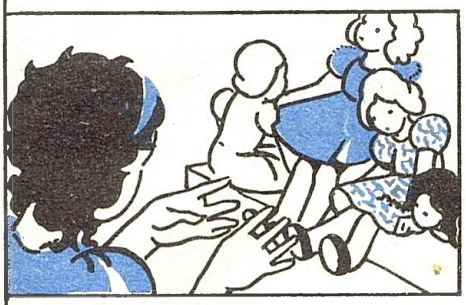
5 = 4 + 1 ou . + .



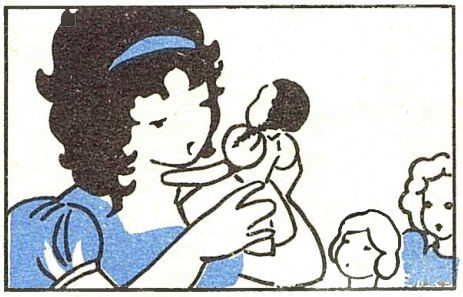
5 = 3 + 2 ou . + .



5 = 1 + 4 ou . + .

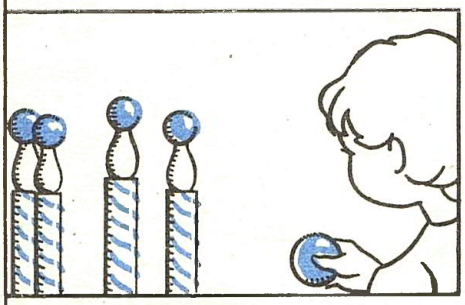


5 = 4 + .



5 = 3 + .

5 = 2 +.

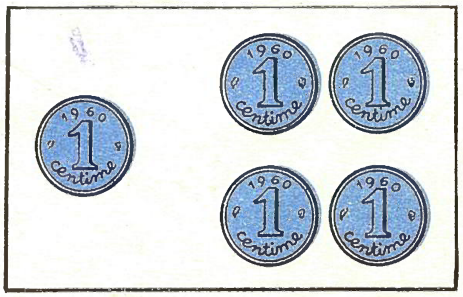


5 = 4 + . ou . + .

5 = 2 + . ou . + .

5 = . + . ou . + .

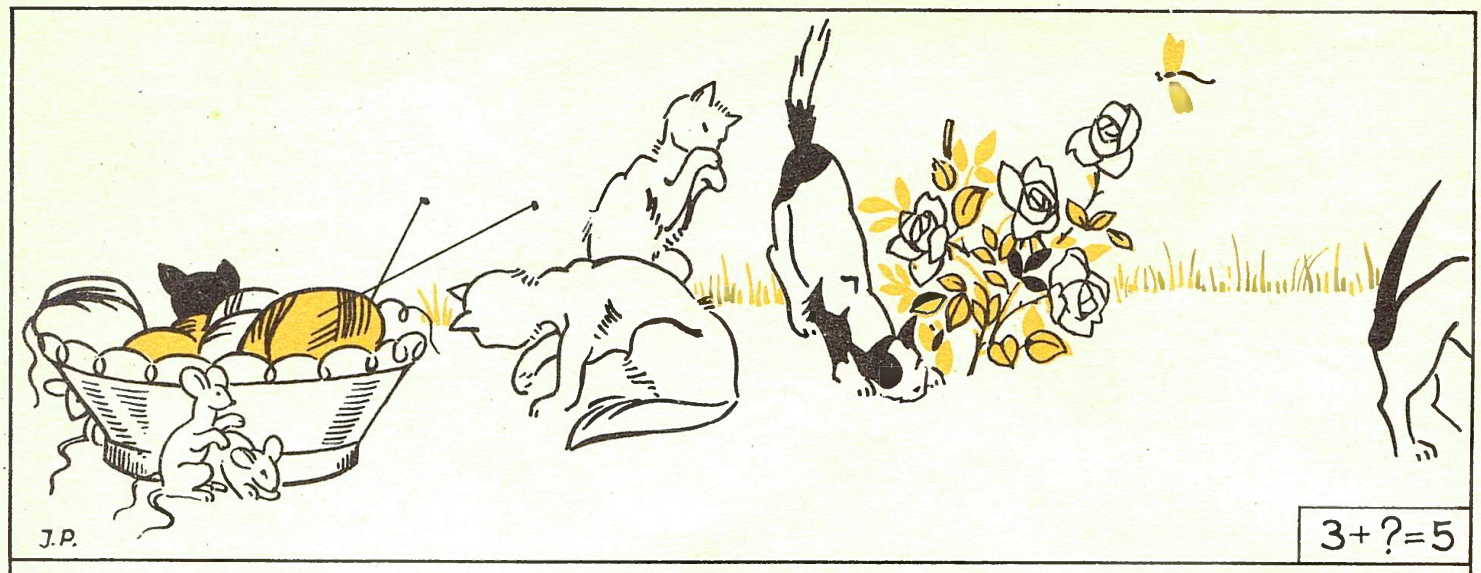
5 = . + . ou . + .



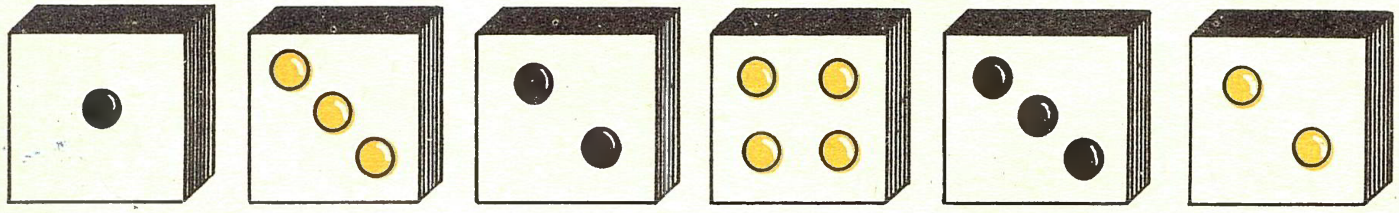
5 = . + . ou . + .

5 = . + . ou . + .

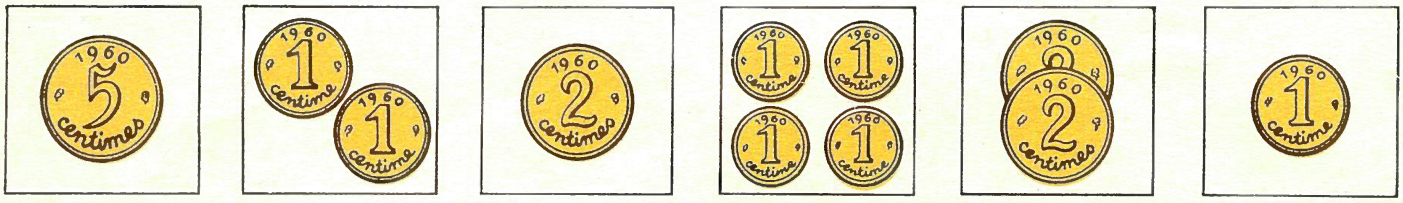
5 = 2 + 3 ★ ★ ★ ★ ★ ***5 = 4 + 1***



3 + ? = 5



1 + ? = 5 | 3 + ? = 5 | 2 + ? = 5 | 4 + ? = 5 | 3 + ? = 5 | 2 + ? = 5



5 | 2 + ? = 5 | 2 + ? = 5 | 4 + ? = 5 | 4 + ? = 5 | 1 + ? = 5

① 5 = 4 + . ou . + .
5 = 2 + . ou . + .
5 = 1 + . ou . + .
5 = 3 + . ou . + .

② 4 + ? = 5
2 + ? = 5
1 + ? = 5
3 + ? = 5

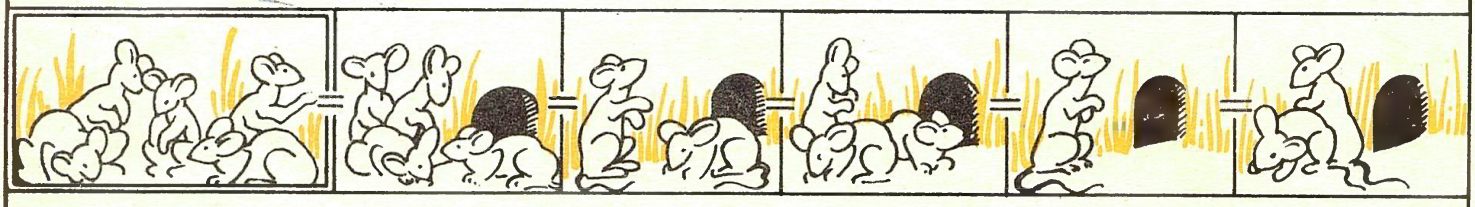
③ 5 − 1 = .
5 − 3 = .
5 − 4 = .
5 − 2 = .

④ 5 − ? = 4
5 − ? = 3
5 − ? = 2
5 − ? = 1

① 2 + 3 = .
4 + 1 = .
3 + 2 = .
1 + 4 = .

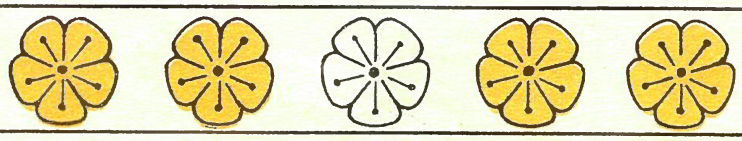
② 5 − 1 = .
3 + 2 = .
5 − 3 = .
3 + 2 = .

③ 2 + 1 = .
4 − 3 = .
3 + 2 = .
3 − 2 = .



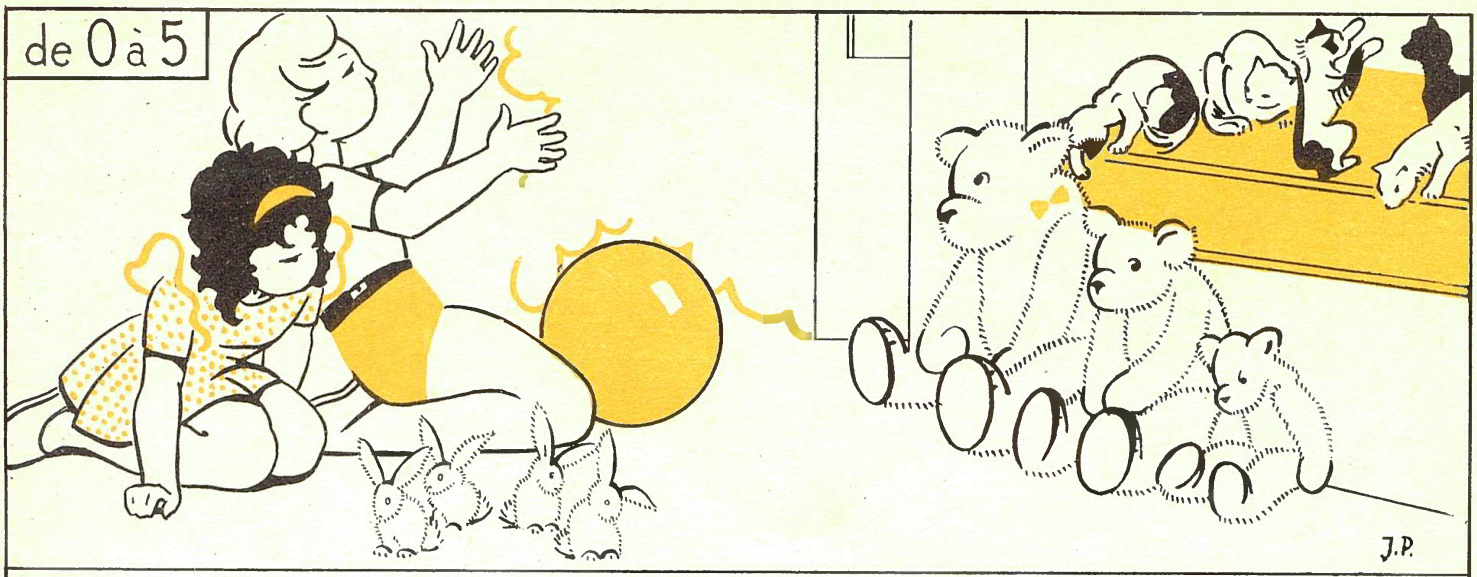
5	5 − ? = 4 4 + ? = 5	5 − ? = 2 2 + ? = 5	5 − ? = 3 3 + ? = 5	5 − ? = 1 1 + ? = 5	5 − ? = 2 2 + ? = 5

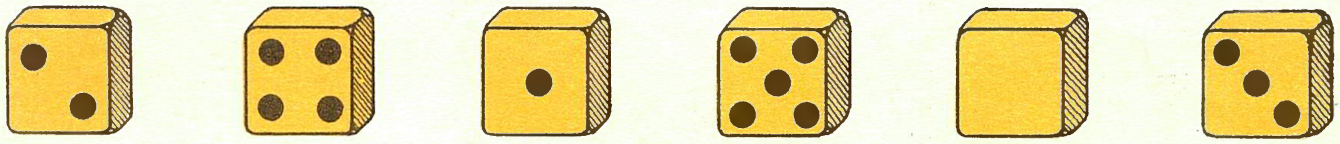
2 + 3 = 5

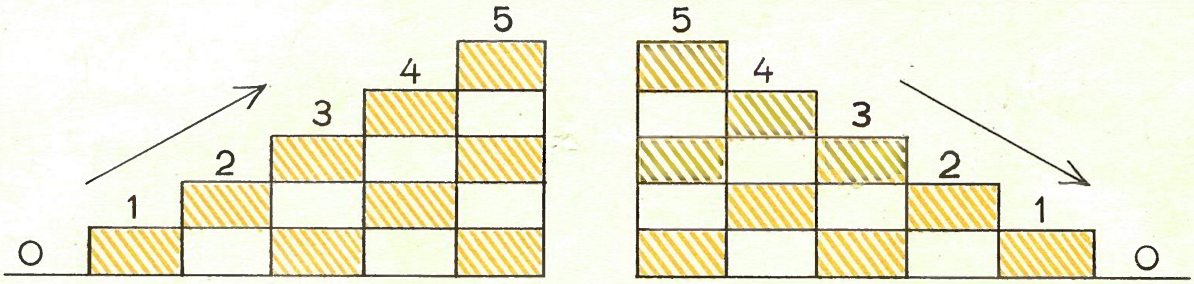


5 − 3 = 2

de 0 à 5







① 2 = 1 + .
3 = 1 + .
3 = 2 + .
3 = 3 + .

② 4 = 1 + .
4 = 2 + .
4 = 3 + .
4 = 4 + .

③ 5 = 1 + .
5 = 2 + .
5 = 3 + .
5 = 4 + .

④ 3 = 2 + .
4 = 2 + .
5 = 2 + .
2 = 2 + .

⑤ 3 = 3 + .
4 = 3 + .
5 = 3 + .
4 = 2 + .

① 4 + ? = 5
3 + ? = 4
1 + ? = 3
2 + ? = 4
3 + ? = 5

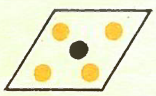
② 5 − ? = 4
5 − ? = 2
4 − ? = 2
3 − ? = 1
4 − ? = 3

③ 1 + 1 = .
2 + 2 = .
3 + 2 = .
4 + 1 = .
2 + 3 = .

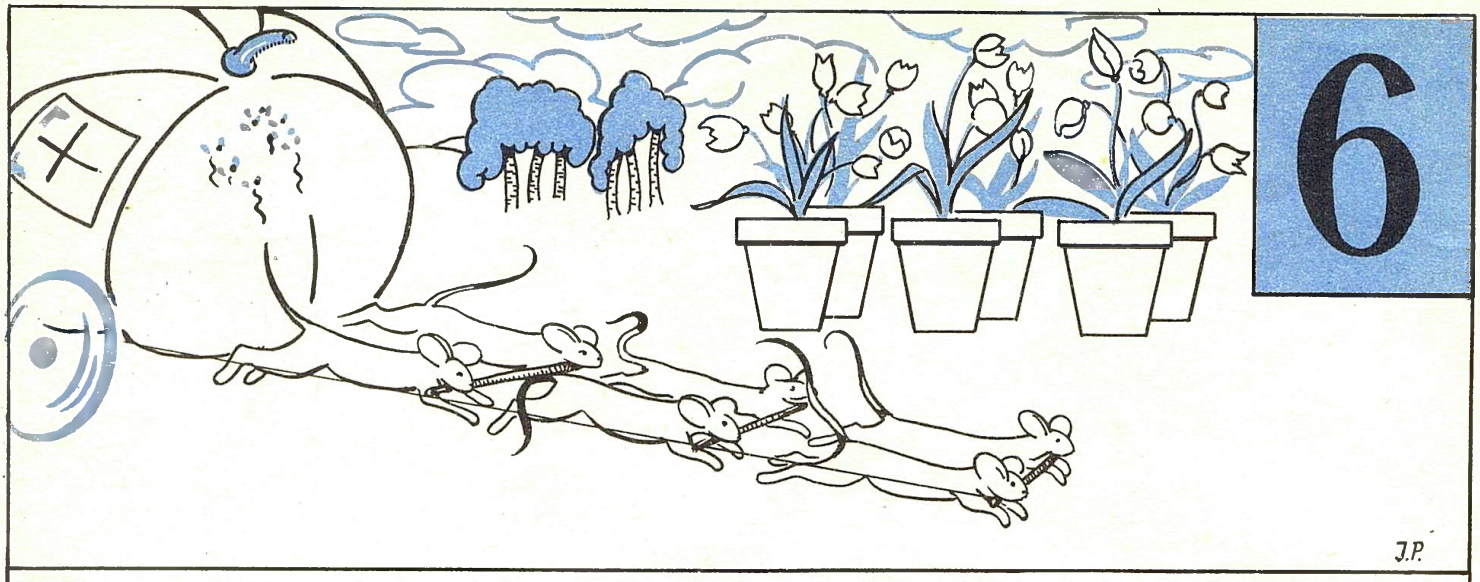
④ 4 − 2 = .
5 − 2 = .
3 − 2 = .
5 − 4 = .
4 − 3 = .

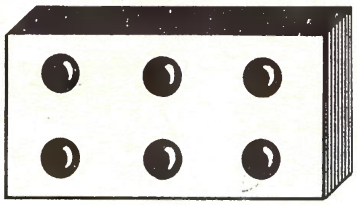
⑤ 5 − 3 = .
2 + 3 = .
4 − 1 = .
1 + 4 = .
2 + 2 = .

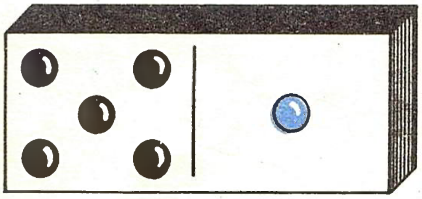
4 + 1 = 5



1 + 4 = 5

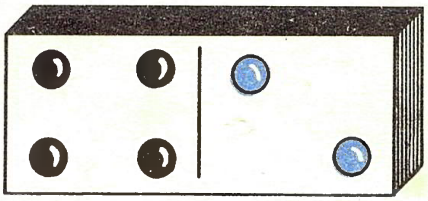






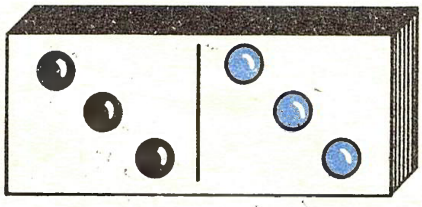
6 = . + . ou . + .

6 − 1 = . car . . . .



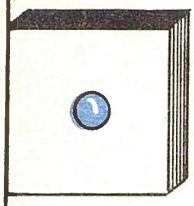
6 = . + . ou . + .

6 − 2 = . car . . . .

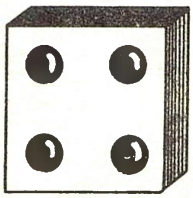


6 = . + . ou . + .

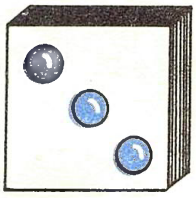
6 − 3 = . car . . . .



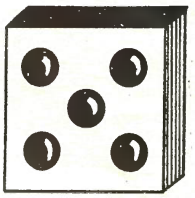
1 + ? = 6



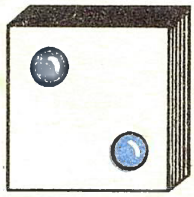
4 + ? = 6



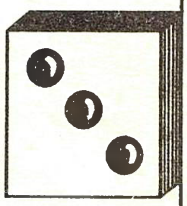
3 + ? = 6



5 + ? = 6



2 + ? = 6



3 + ? = 6

2 + ? = 6

6 − ? = 2

1 + ? = 6

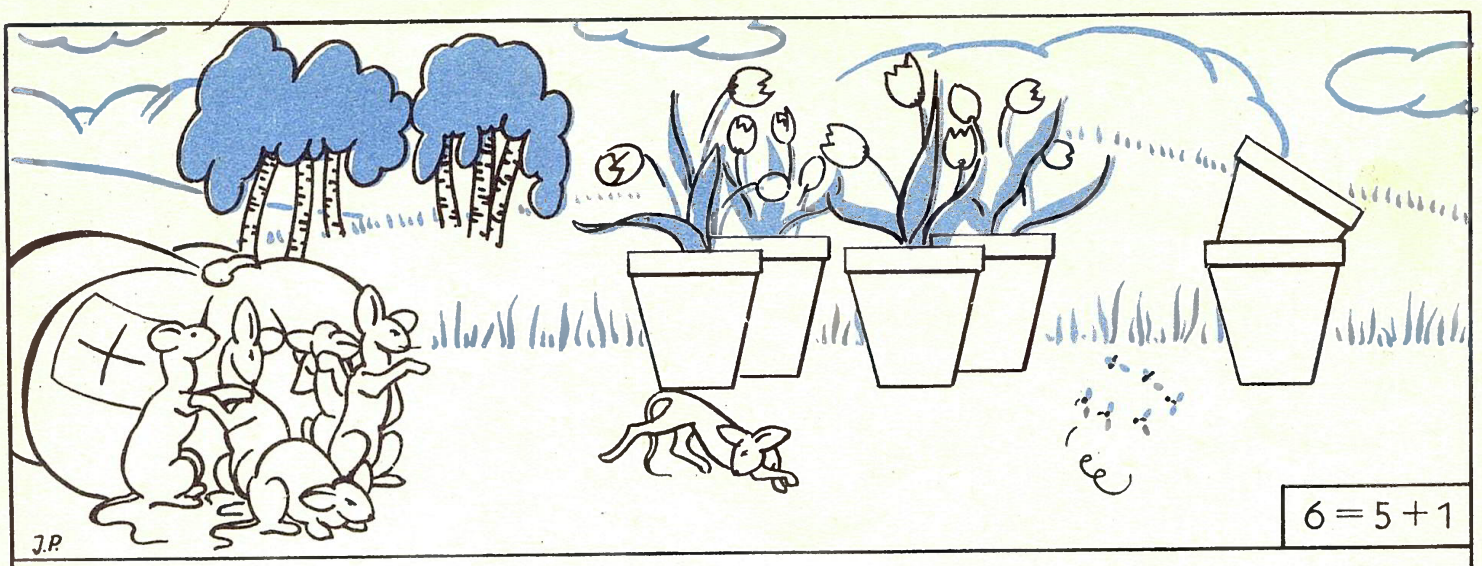
6 − ? = 1

3 + ? = 6

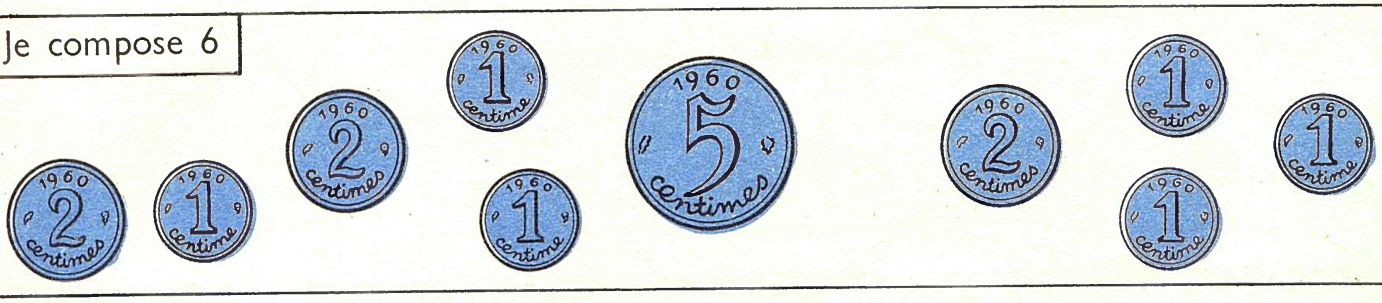
6 − ? = 3

6 ::: 6 ::: 6

6 ::: 6 ::: 6



Je compose 6



① 6 = 5 + . ou . + .
6 = 4 + . ou . + .
6 = 2 + . ou . + .
6 = 3 + . ou . + .
6 = 1 + . ou . + .

② 1 + ? = 6
3 + ? = 6
2 + ? = 6
5 + ? = 6
4 + ? = 6

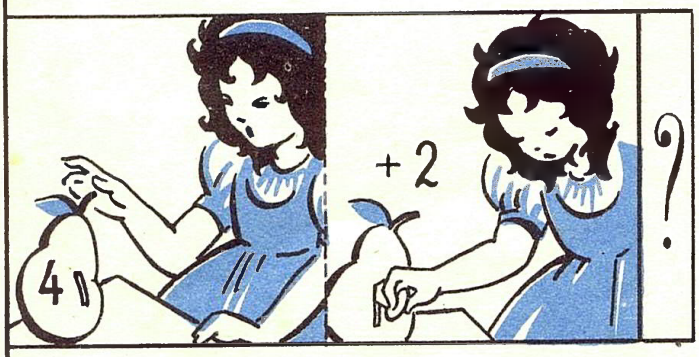
③ 6 − 3 = .
6 − 1 = .
6 − 4 = .
6 − 2 = .
6 − 5 = .

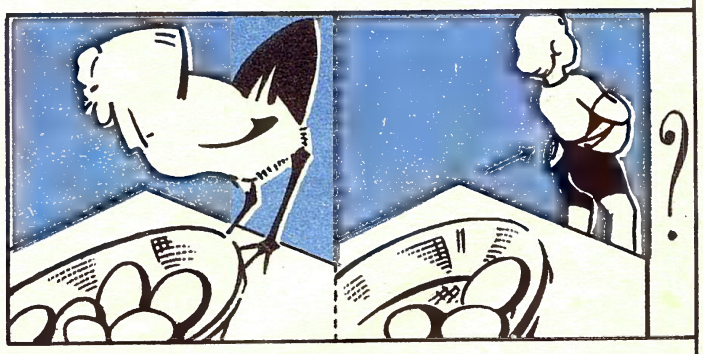
④ 6 − ? = 1
6 − ? = 4
6 − ? = 2
6 − ? = 3
6 − ? = 5

① 3 + 3 = .
5 + 1 = .
2 + 4 = .
4 + 2 = .
1 + 5 = .

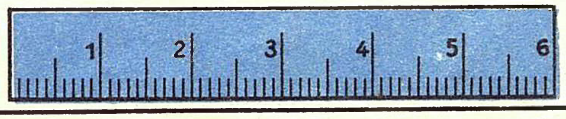
② 6 − 4 = .
6 − 3 = .
4 + 2 = .
1 + 5 = .
6 − 5 = .

③ 3 + 2 = .
5 − 4 = .
2 + 4 = .
6 − 1 = .
2 + 1 = .

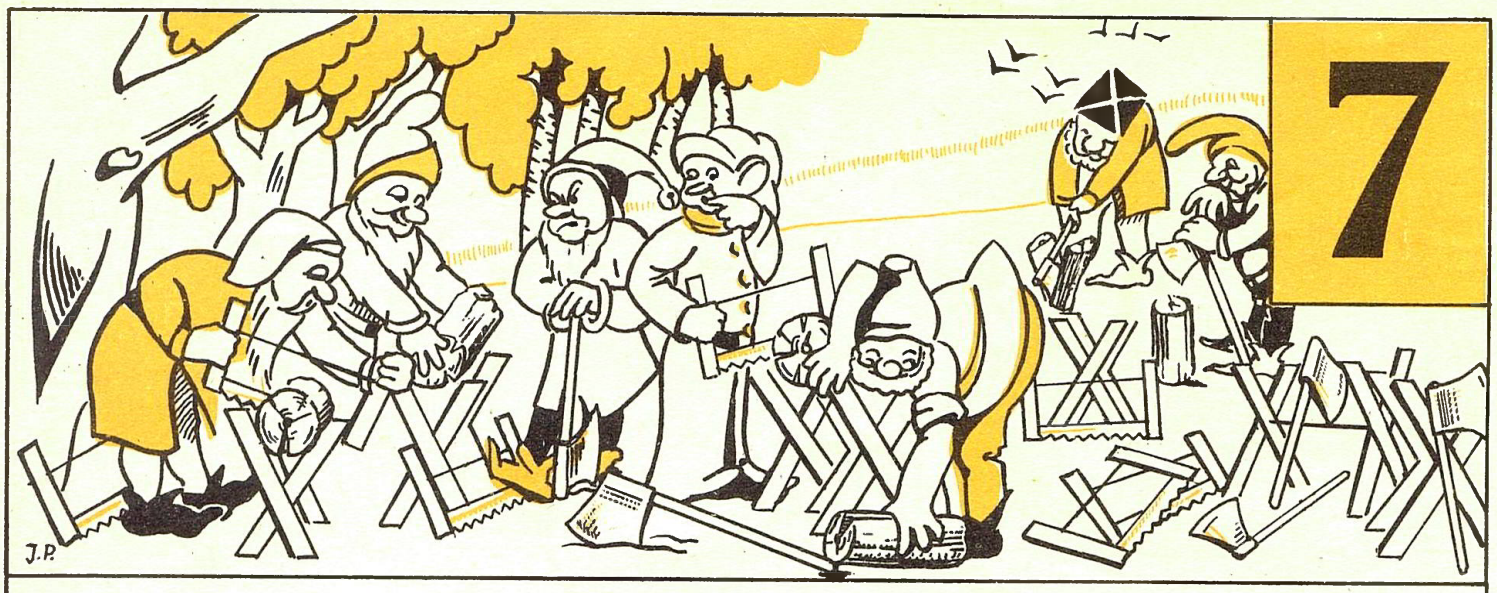


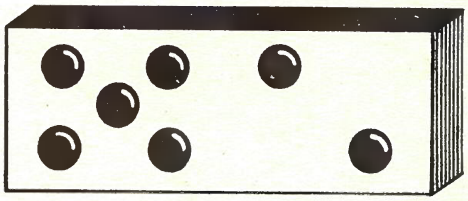


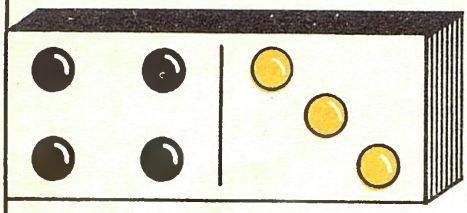
3 + 3 = 6



6 − 1 = 5

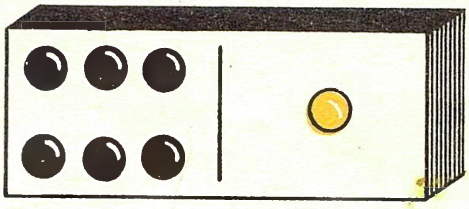






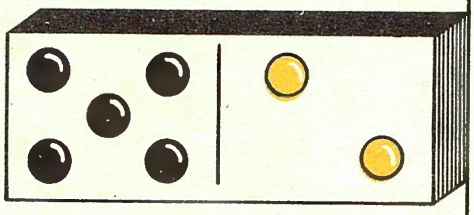
7 = . + . ou . + .

7 − 3 = . car . . . .



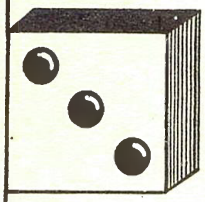
7 = . + . ou . + .

7 − 1 = . car . . . .

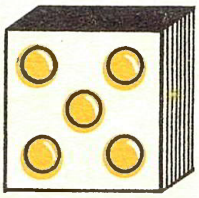


7 = . + . ou . + .

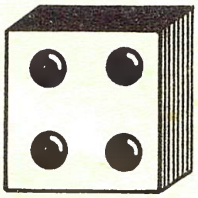
7 − 2 = . car . . . .



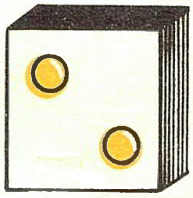
3 + ? = 7



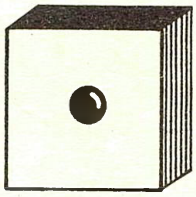
5 + ? = 7



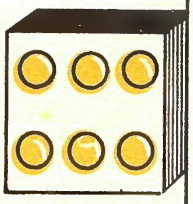
4 + ? = 7



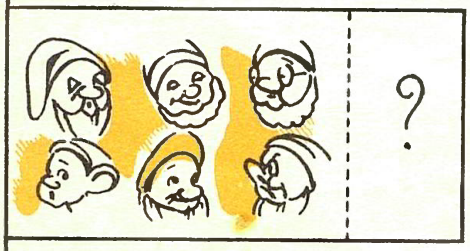
2 + ? = 7



1 + ? = 7

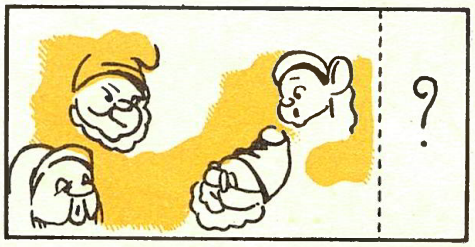


6 + ? = 7



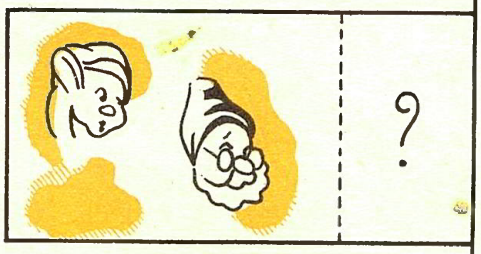
6 + ? = 7

7 − ? = 6



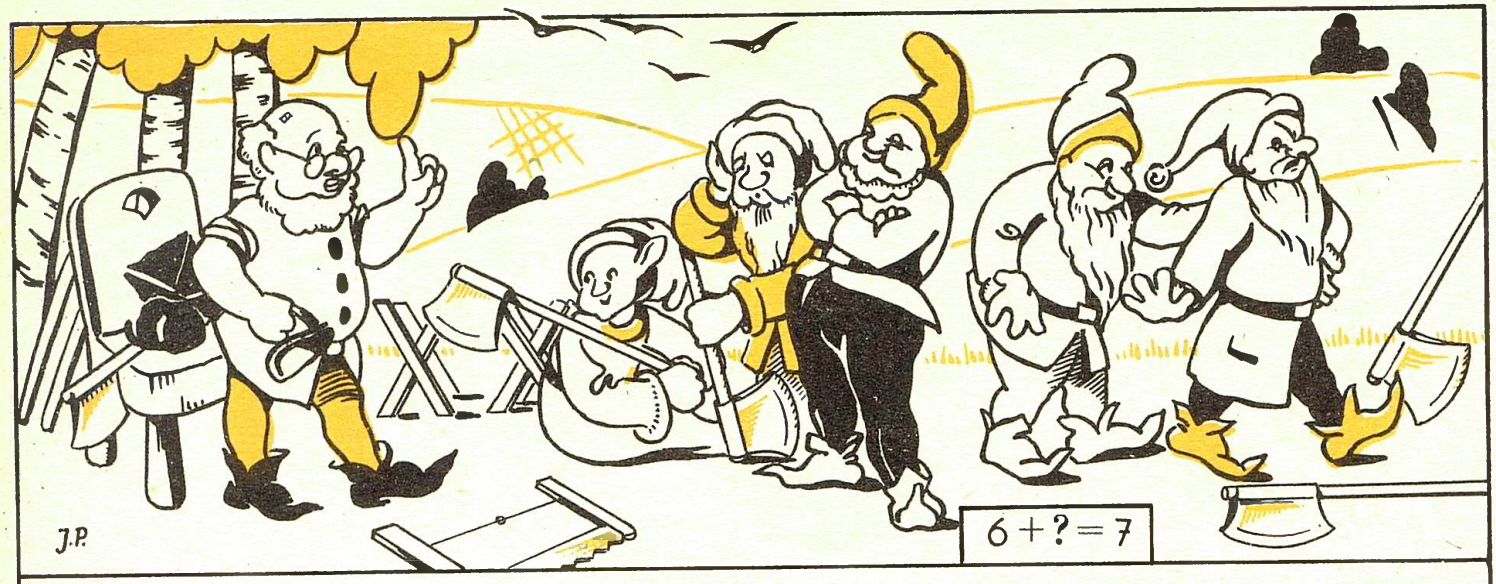
4 + ? = 7

7 − ? = 4



2 + ? = 7

7 − ? = 4



Je compose 7

① 7 = 6 + . ou . + .
7 = 3 + . ou . + .
7 = 5 + . ou . + .
7 = 1 + . ou . + .
7 = 4 + . ou . + .
7 = 2 + . ou . + .

② 7 = 3 + 3 + .
7 = 4 + 1 + .
7 = 1 + 2 + .
7 = 2 + 2 + .
7 = 5 + 1 + .
7 = 4 + 2 + .

③ 6 + ? = 7
3 + ? = 7
1 + ? = 7
4 + ? = 7
5 + ? = 7
2 + ? = 7

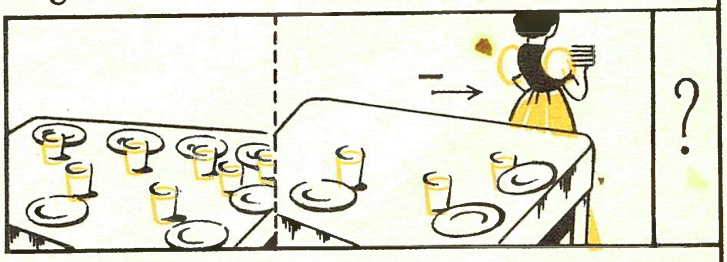
④ 7 − 1 = . car . . .
7 − 2 = . car . . .
7 − 4 = . car . . .
7 − 3 = . car . . .
7 − 6 = . car . . .
7 − 5 = . car . . .
7 − 3 = . car . . .

⑤ 7 − ? = 5
7 − ? = 6
7 − ? = 3
7 − ? = 2
7 − ? = 1
7 − ? = 4
7 − ? = 6

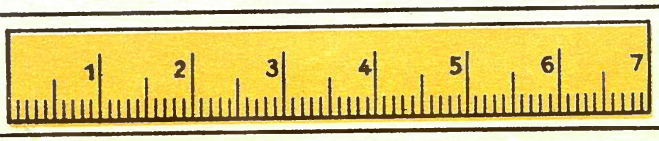
⑥ 5 + 2 = .
3 + 3 = .
3 + 4 = .
6 − 2 = .
7 − 2 = .
7 − 4 = .
1 + 6 = .

⑦ 5 − 4 = .
2 + 4 = .
3 + 4 = .
7 − 6 = .
6 − 5 = .
3 + 3 = .
4 + 2 = .

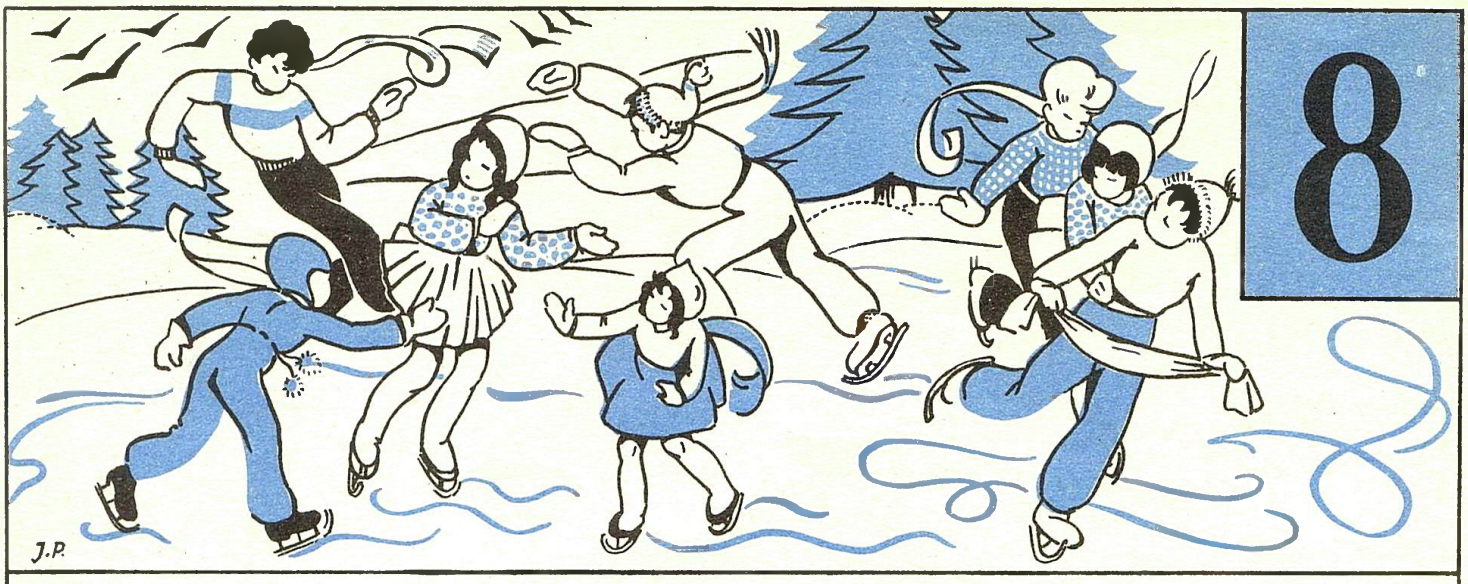
Blanche-Neige . . .

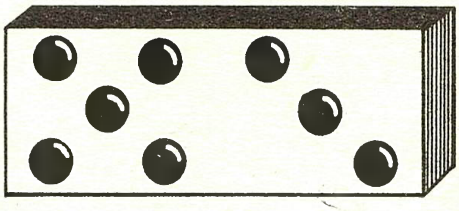


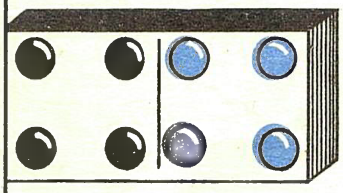
6 + 1 = 7



7 − 1 = 6

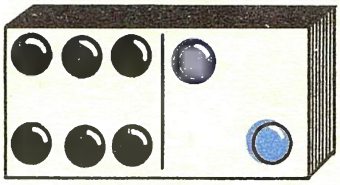






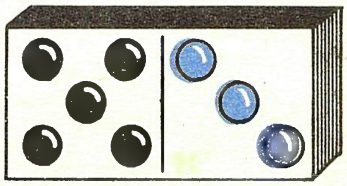
8 = 4 + . ou . + .

8 − 4 = . car . . . .



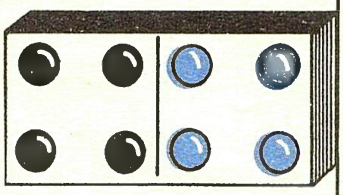
8 = 6 + . ou . + .

8 − 2 = . car . . . .



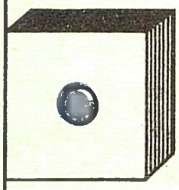
8 = 5 + . ou . + .

8 − 3 = . car . . . .

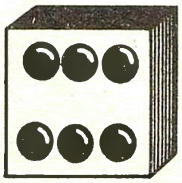


8 = 4 + . ou . + .

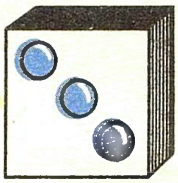
8 − 4 = . car . . . .



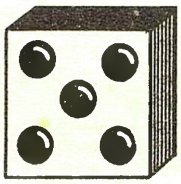
1 + ? = 8



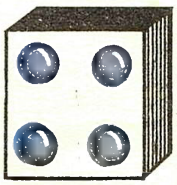
6 + ? = 8



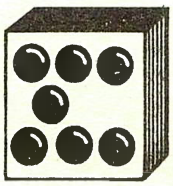
3 + ? = 8



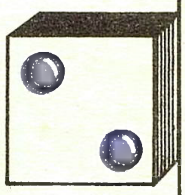
5 + ? = 8



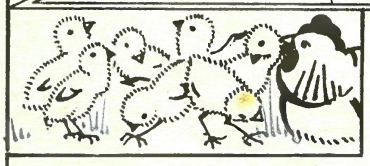
4 + ? = 8



7 + ? = 8

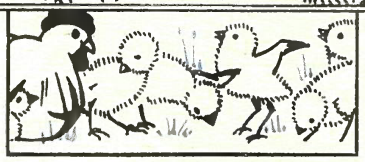


2 + ? = 8



7 + ? = 8

8 − ? = 7



5 + ? = 8

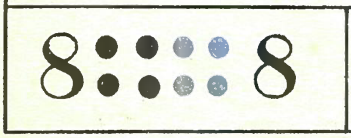
8 − ? = 5

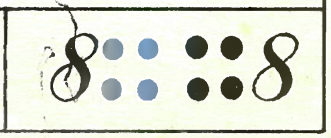
4 + ? = 8

8 − ? = 4

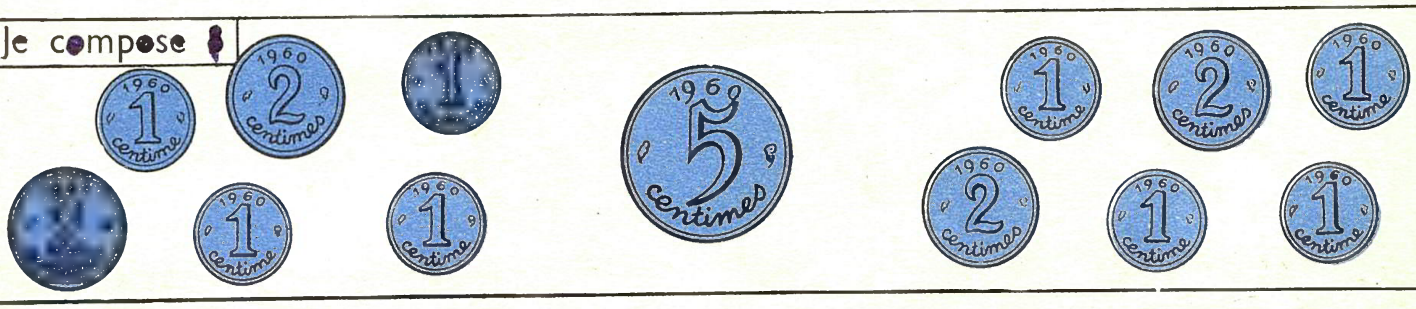
2 + ? = 8

8 − ? = 2





Je compose 8



① 8 = 7 + . ou . + .
8 = 4 + . ou . + .
8 = 6 + . ou . + .
8 = 1 + . ou . + .
8 = 5 + . ou . + .
8 = 3 + . ou . + .

② 8 = 3 + 3 + .
8 = 4 + 3 + .
8 = 2 + 2 + .
8 = 3 + 2 + .
8 = 5 + 1 + .
8 = 6 + 1 + .

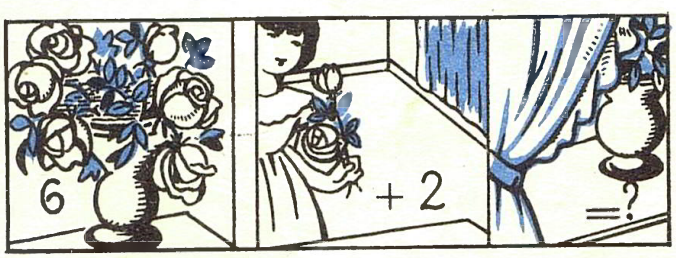
③ 7 + ? = 8
3 + ? = 8
4 + ? = 8
2 + ? = 8
5 + ? = 8
6 + ? = 8

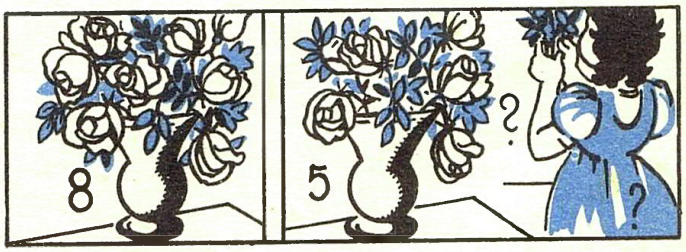
④ 8 − 1 = . car . . .
8 − 4 = . car . . .
8 − 2 = . car . . .
8 − 5 = . car . . .
8 − 6 = . car . . .
8 − 3 = . car . . .

⑤ 8 − ? = 6
8 − ? = 4
8 − ? = 2
8 − ? = 7
8 − ? = 5
8 − ? = 7
8 − ? = 3

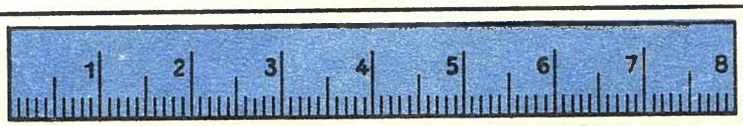
⑥ 4 + 4 = .
7 + 1 = .
3 + 4 = .
8 − 3 = .
6 − 4 = .
8 − 2 = .
1 + 7 = .

⑦ 7 − 4 = .
2 + 5 = .
8 − 3 = .
3 + 5 = .
7 − 2 = .
2 + 6 = .
8 − 4 = .

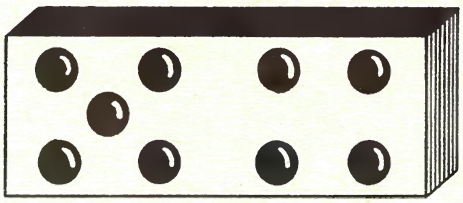


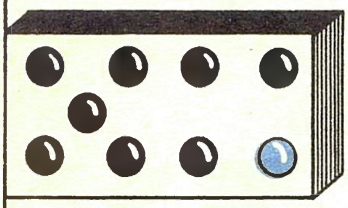


7 + 1 = 8



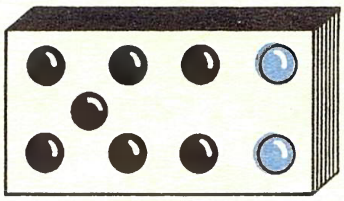
4 + 4 = 8





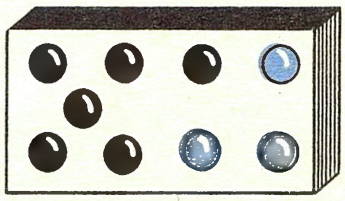
9 = . + . ou . + .

9 − 1 = . car . . . .



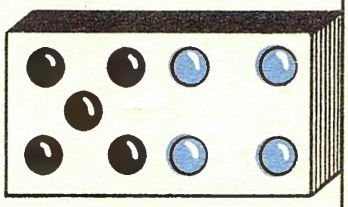
9 = . + . ou . + .

9 − 2 = . car . . . .



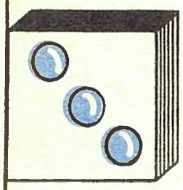
9 = . + . ou . + .

9 − 3 = . car . . . .

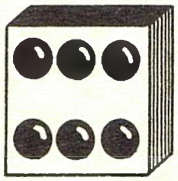


9 = . + . ou . + .

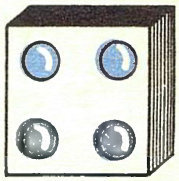
9 − 4 = . car . . . .



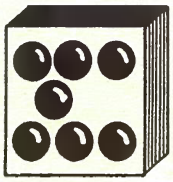
3 + ? = 9



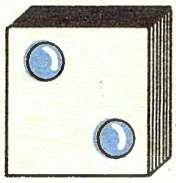
6 + ? = 9



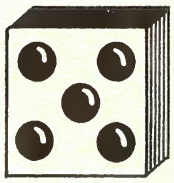
4 + ? = 9



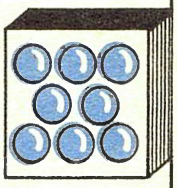
7 + ? = 9



2 + ? = 9



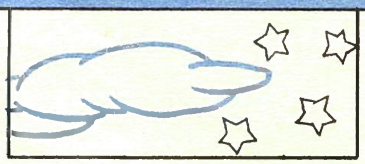
5 + ? = 9



8 + ? = 9

5 + ? = 9

9 − ? = 5



4 + ? = 9

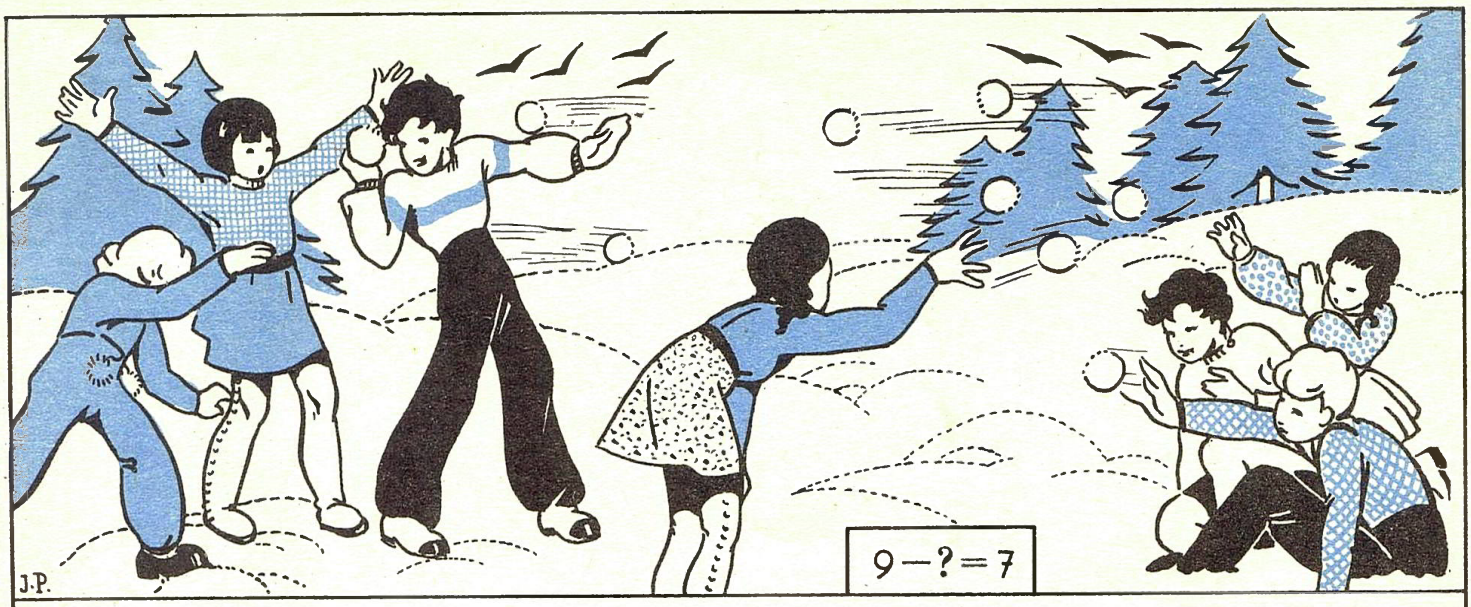
9 − ? = 4

2 + ? = 9

9 − ? = 2

6 + ? = 9

9 − ? = 6



Je compose 9

① 9 = 8 + . ou . + .
9 = 5 + . ou . + .
9 = 3 + . ou . + .
9 = 1 + . ou . + .
9 = 6 + . ou . + .
9 = 7 + . ou . + .
9 = 2 + . ou . + .

② 9 = 3 + 3 + .
9 = 3 + 2 + .
9 = 7 + 1 + .
9 = 5 + 3 + .
9 = 4 + 4 + .
9 = 1 + 7 + .
9 = 2 + 4 + .

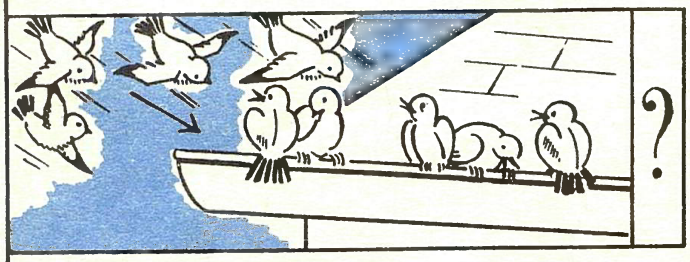
③ 8 + ? = 9
1 + ? = 9
6 + ? = 9
7 + ? = 9
4 + ? = 9
3 + ? = 9
5 + ? = 9

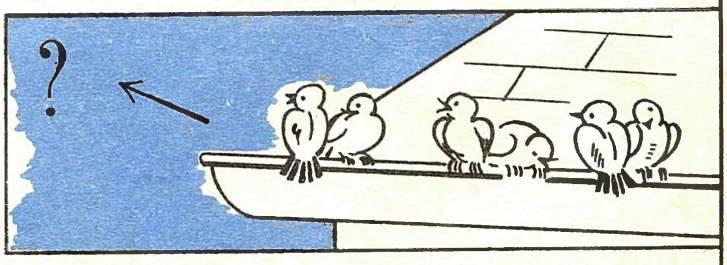
④ 9 — 1 = . car . . .
9 — 7 = . car . . .
9 — 3 = . car . . .
9 — 5 = . car . . .
9 — 2 = . car . . .
9 — 4 = . car . . .
9 — 6 = . car . . .

⑤ 9 — ? = 7
9 — ? = 8
9 — ? = 1
9 — ? = 6
9 — ? = 5
9 — ? = 4
9 — ? = 3

⑥ 8 + 1 = .
6 + 3 = .
5 + 3 = .
3 + 4 = .
4 + 5 = .
1 + 5 = .
7 + 2 = .

⑦ 9 — 2 = .
7 — 3 = .
6 — 4 = .
6 — 3 = .
9 — 4 = .
9 — 8 = .
7 — 2 = .

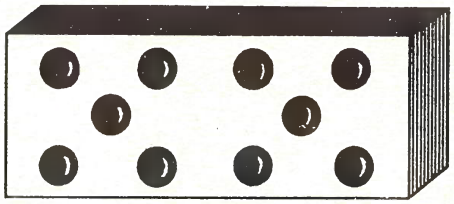


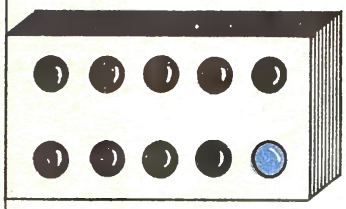


9-3=6

6+3=9

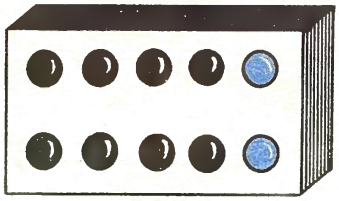
10





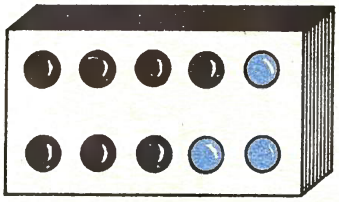
10 = . + . ou . + .

10 − 1 = . car . . . .



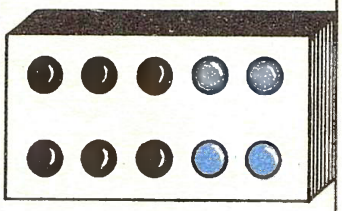
10 = . + . ou . + .

10 − 2 = . car . . . .



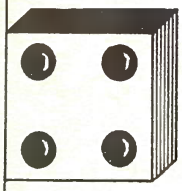
10 = . + . ou . + .

10 − 3 = . car . . . .

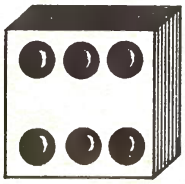


10 = . + . ou . + .

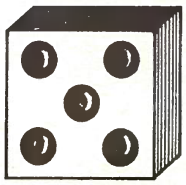
10 − 4 = . car . . . .



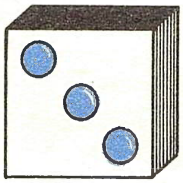
4 + ? = 10



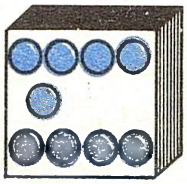
6 + ? = 10



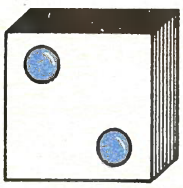
5 + ? = 10



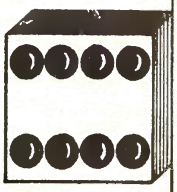
3 + ? = 10



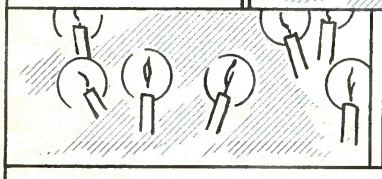
9 + ? = 10



2 + ? = 10

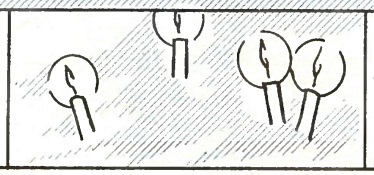


8 + ? = 10



7 + ? = 10

10 − ? = 7



4 + ? = 10

10 − ? = 4

8 + ? = 10

10 − ? = 4

5 + ? = 10

10 − ? = 5

10 10

Je compose 10

① 10 = 9 + . ou . + .
10 = 5 + . ou . + .
10 = 7 + . ou . + .
10 = 8 + . ou . + .
10 = 4 + . ou . + .
10 = 6 + . ou . + .
10 = 3 + . ou . + .

② 10 = 3 + 3 + .
10 = 4 + 4 + .
10 = 2 + 2 + .
10 = 7 + 2 + .
10 = 5 + 4 + .
10 = 2 + 3 + .
10 = 4 + 3 + .

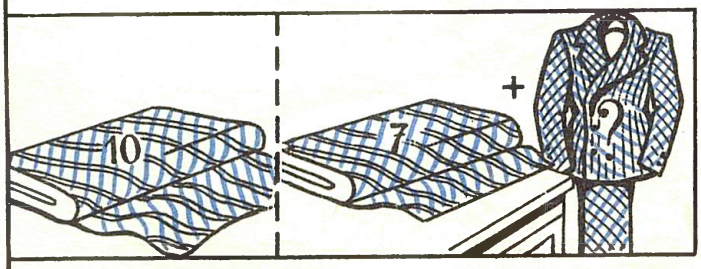
③ 9 + ? = 10
5 + ? = 10
1 + ? = 10
8 + ? = 10
7 + ? = 10
3 + ? = 10
6 + ? = 10

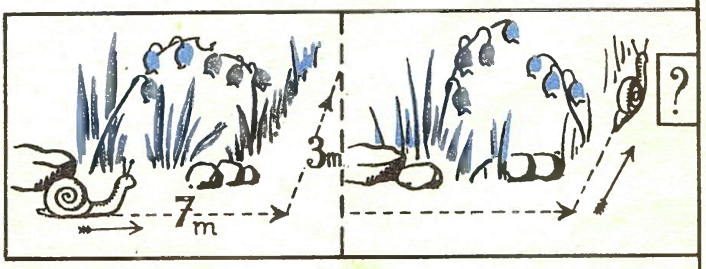
④ 8 + 2 = .
9 + 1 = .
6 + 4 = .
5 + 5 = .
7 + 3 = .
1 + 9 = .
4 + 6 = .

⑤ 10 — 1 = . car . . .
10 — 2 = . car . . .
10 — 5 = . car . . .
10 — 4 = . car . . .
10 — 9 = . car . . .
10 — 3 = . car . . .
10 — 2 = . car . . .

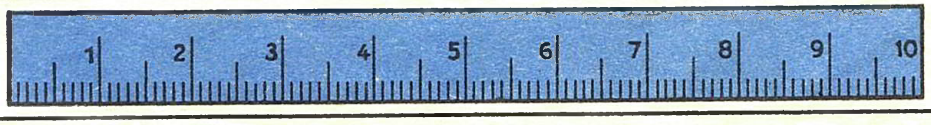
⑥ 10 — ? = 9
10 — ? = 5
10 — ? = 8
10 — ? = 1
10 — ? = 7
10 — ? = 3
10 — ? = 4

⑦ 5 + 5 = .
7 + 3 = .
10 — 4 = .
7 + 3 = .
9 — 3 = .
4 + 4 = .
10 — 6 = .



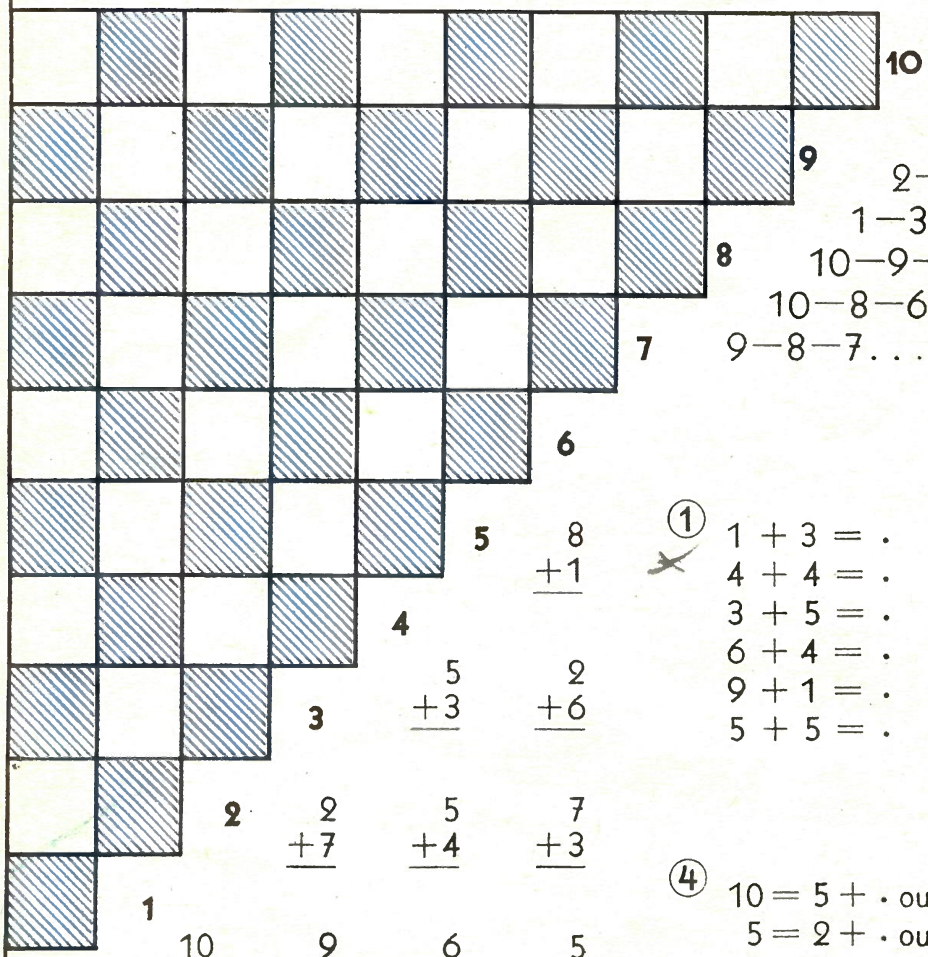


9+1=10



5+5=10

de 0 à 10



Comptons:

1—2—3. . . . .
2—4—6. . . . .
1—3—5. . . . .
10—9—8. . . .
10—8—6. . . .
9—8—7. . . . .

				8
				+1
			5	2
			+3	+6
		2	5	7
		+7	+4	+3
	10	9	6	5
	−8	−5	−4	−3
9	10	7	6	6
−7	−3	−5	−6	−4

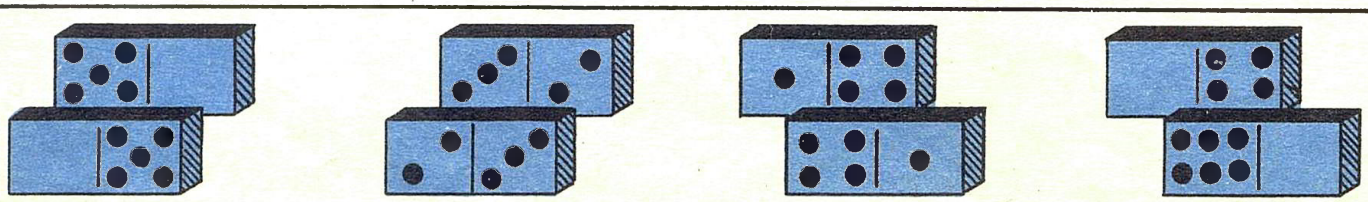
① 1 + 3 = .
4 + 4 = .
3 + 5 = .
6 + 4 = .
9 + 1 = .
5 + 5 = .

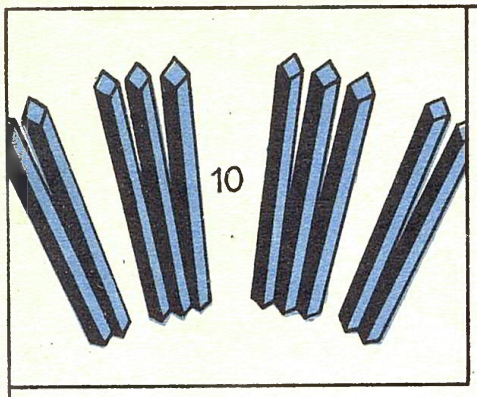
② 8 + ? = 10
3 + ? = 6
7 + ? = 9
5 + ? = 7
4 + ? = 8
2 + ? = 6

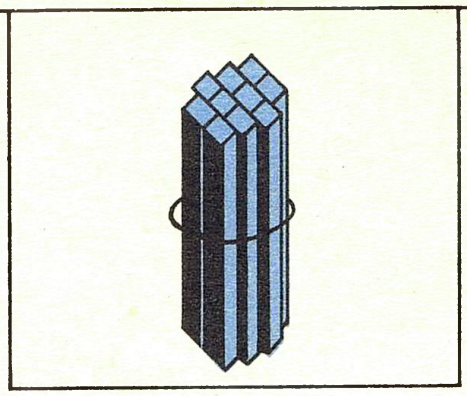
③ 8 − 4 = .
3 − 2 = .
9 − 6 = .
7 − 5 = .
10 − 4 = .
6 − 5 = .

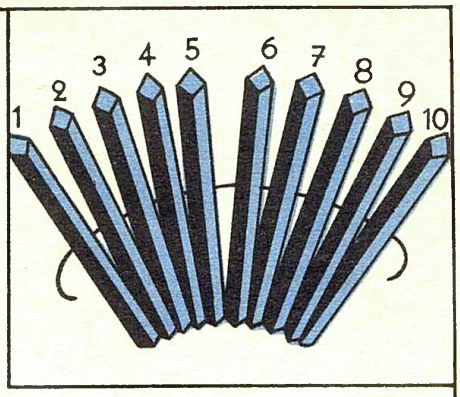
④ 10 = 5 + . ou . + .
5 = 2 + . ou . + .
8 = 4 + . ou . + .
9 = 8 + . ou . + .
7 = 6 + . ou . + .
6 = 4 + . ou . + .
4 = 1 + . ou . + .

⑤ 4 − 1 = . car . . .
9 − 2 = . car . . .
6 − 3 = . car . . .
8 − 3 = . car . . .
7 − 2 = . car . . .
7 − 4 = . car . . .
9 − 5 = . car . . .

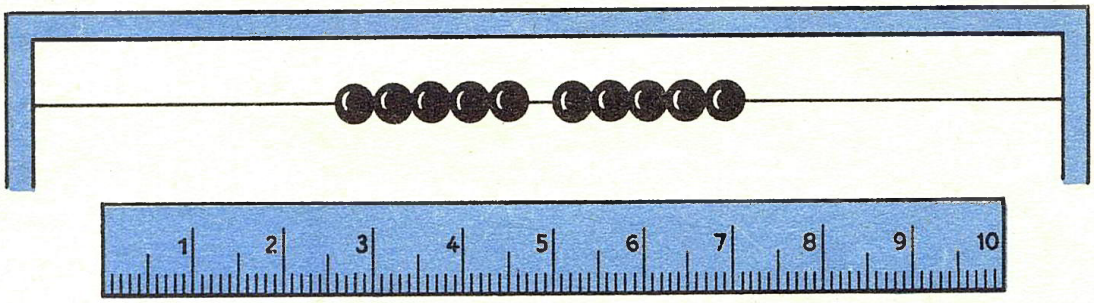


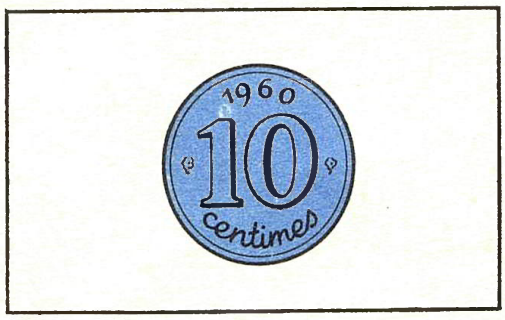




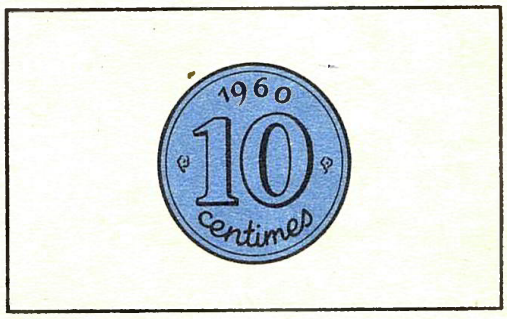


La dizaine





10 = 9 + .
10 = 8 + .
10 = 7 + .
10 = 6 + .
10 = 5 + .
10 = 4 + .
10 = 3 + .
10 = 2 + .
10 = 1 + .

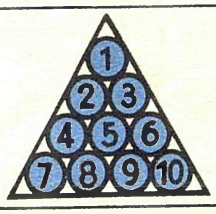


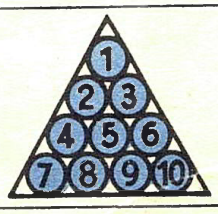
Une dizaine

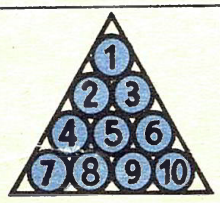
Une dizaine

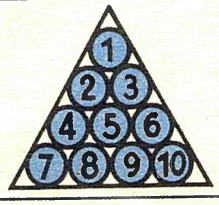
9 + ? = 10
7 + ? = 10
5 + ? = 10
2 + ? = 10
8 + ? = 10
3 + ? = 10
4 + ? = 10
6 + ? = 10
1 + ? = 10

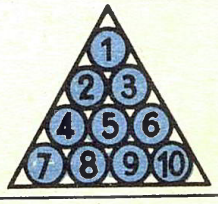
10 — ? = 9
10 — ? = 5
10 — ? = 8
10 — ? = 1
10 — ? = 7
10 — ? = 4
10 — ? = 7
10 — ? = 2
10 — ? = 3

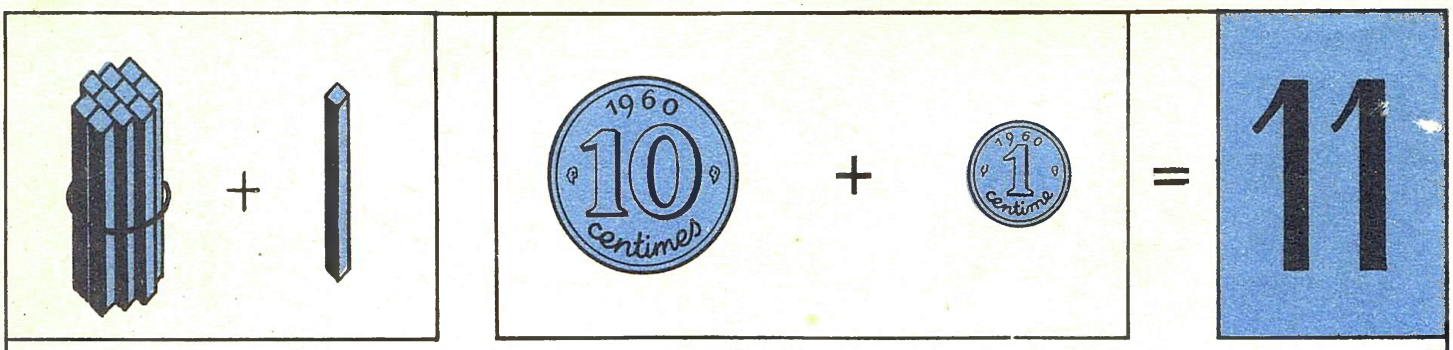




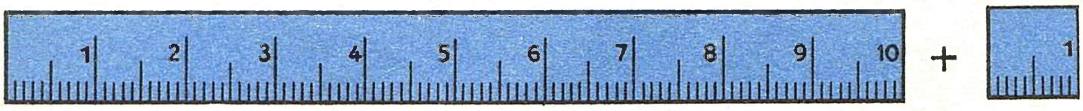






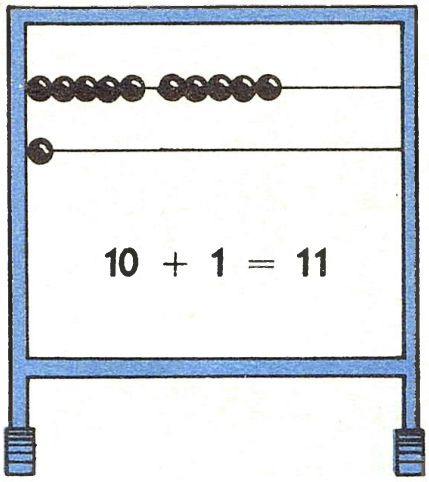


10 + 1 10 + 1 onze



① 11 = 10 + .
11 = 5 + 5 + .
11 = 9 + 1 + .
11 = 8 + 2 + .
11 = 10 + .

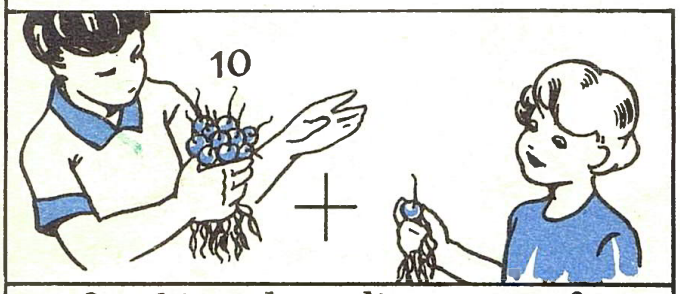
② 10 + 1 = .
9 + 1 + 1 = .
5 + 5 + 1 = .
8 + 2 + 1 = .
10 + 1 = .



③ 11 − 1 = .
11 − 10 = .
11 − 1 = .
11 − 10 = .
10 + 1 = .

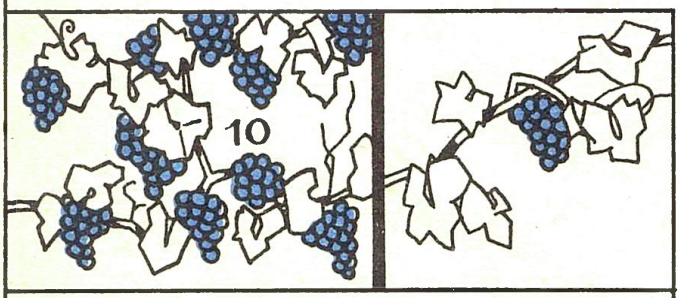
④ 10 + ? = 11
11 − ? = 10
9 + 1 + ? = 11
8 + 2 + ? = 11
10 + ? = 11

Au jardin.



Combien de radis en tout?

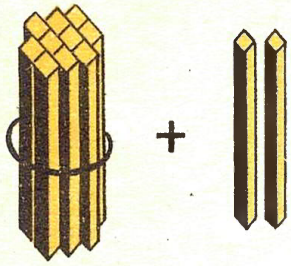
Combien reste-t-il de pommes?



Combien de grappes en tout?

Combien reste-t-il de poireaux?

10 + 1 = 11 *11 − 1 = 10*



10 + 2

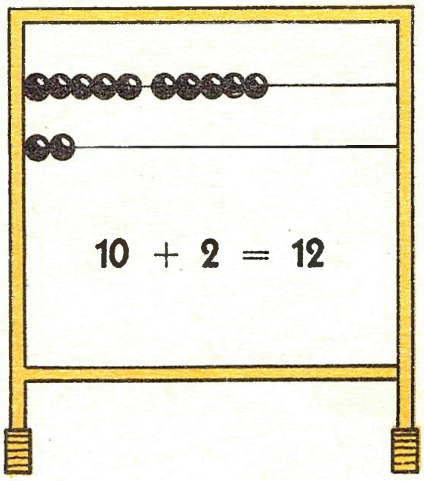
10 + 2

12

douze

① 12 = 10 + .
2 = 1 + .
12 = 11 + .
12 = 10 + 1 + .
12 = 9 + 1 + .

② 10 + 2 = .
1 + 1 = .
11 + 1 = .
5 + 5 + 2 = .
9 + 1 + 2 = .

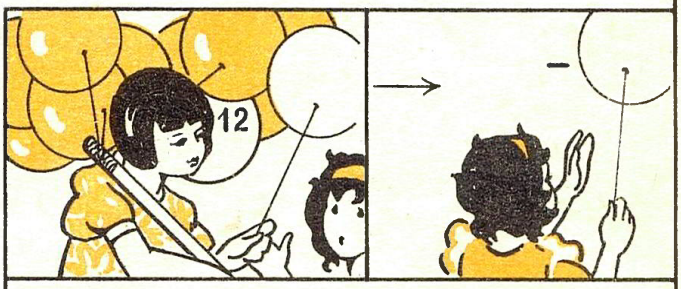


③ 12 − 2 = .
2 − 1 = .
12 − 1 = .
12 − 10 = .
12 − 2 = .

④ 10 + ? = 12
1 + ? = 2
11 + ? = 12
10 + 1 + ? = 12
5 + 1 + ? = 12

Les petits marchands de ballons.

Combien de ballons a-t-elle en tout ?



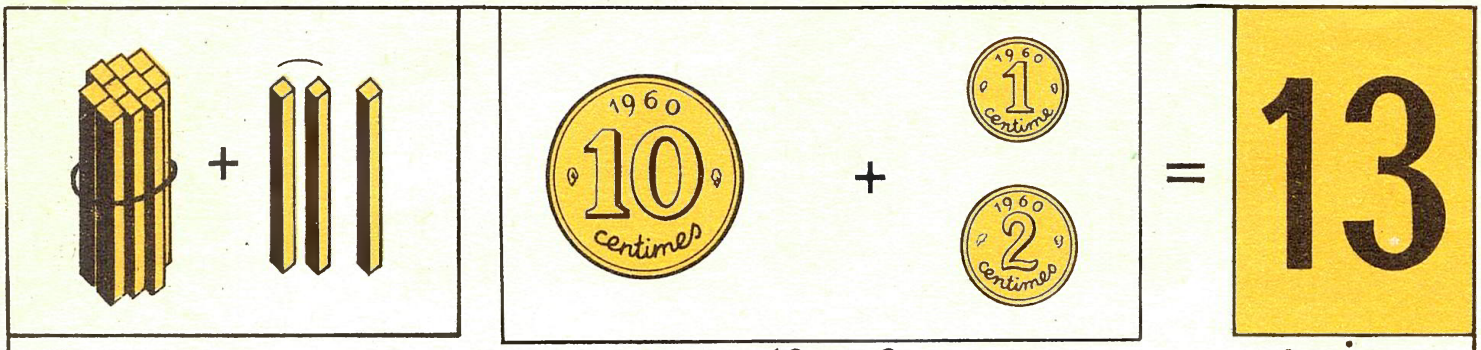
Combien reste-t-il de ballons ?

Combien de ballons ont-ils ensemble ?

Ils avaient 12 ballons..... ?

12 − 2 = 10

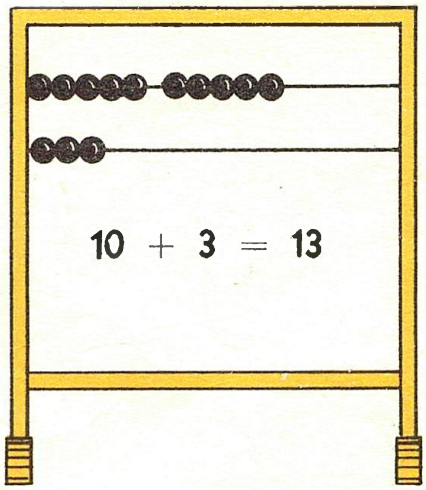
10 + 2 = 12



10 + 3 | 10 + 3 | treize

13 = 10 + .
3 = 2 + .
13 = 12 + .
3 = 1 + .
13 = 11 + .

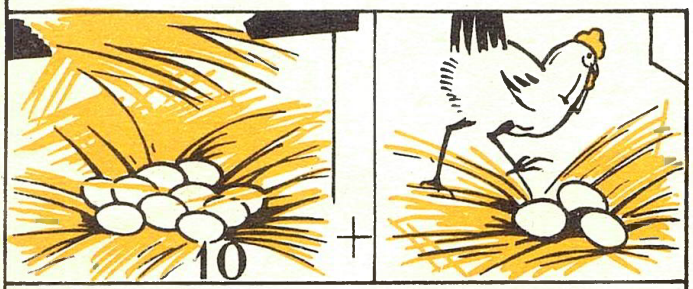
10 + 3 = .
1 + 2 = .
11 + 2 = .
2 + 1 = .
12 + 1 = .



13 − 3 = .
3 − 1 = .
13 − 1 = .
3 − 2 = .
13 − 2 = .

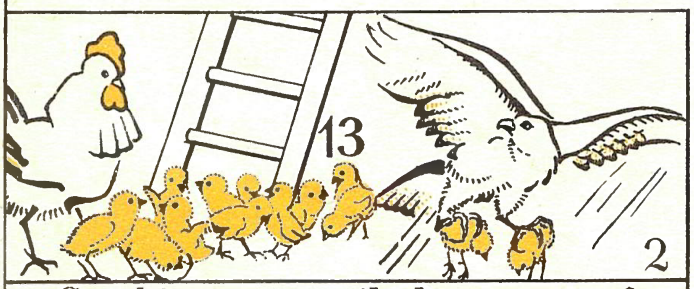
10 + ? = 13
1 + ? = 3
11 + ? = 13
2 + ? = 3
12 + ? = 13

Au poulailler.



Combien d'œufs en tout?

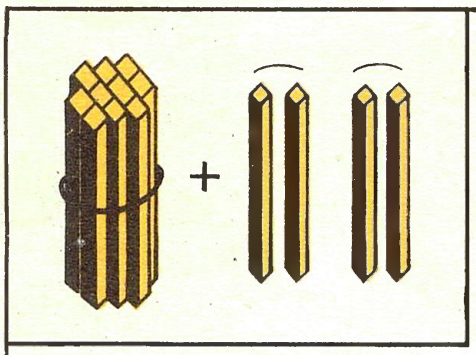
Combien d'œufs reste-t-il?

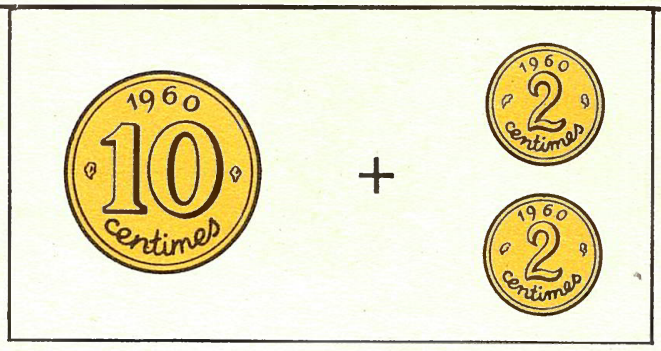


Combien reste-t-il de poussins?

Combien de plumes en tout?

10 + 3 = 13 13 − 3 = 10



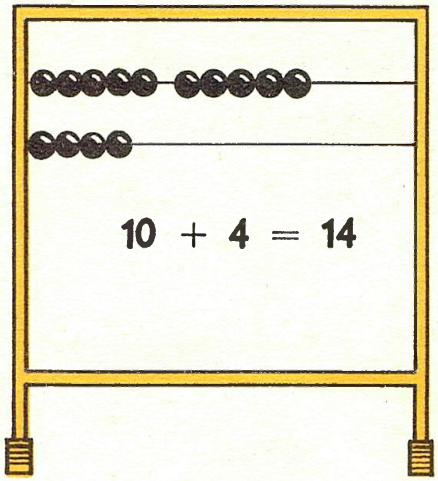


10 + 4 10 + 4 quatorze

+

① 14 = 10 + .
4 = 3 + .
14 = 13 + .
4 = 2 + .
14 = 12 + .

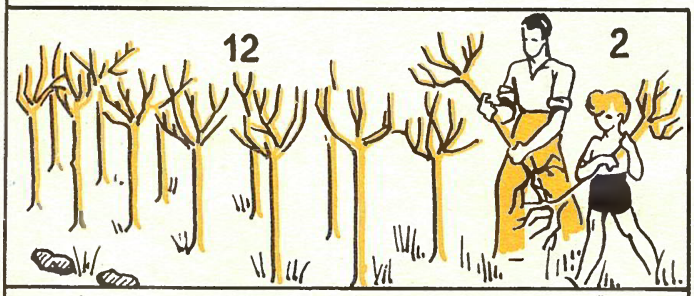
② 10 + 4 = .
1 + 3 = .
11 + 3 = .
2 + 2 = .
12 + 2 = .



③ 14 − 4 = .
4 − 1 = .
14 − 1 = .
4 − 3 = .
14 − 3 = .

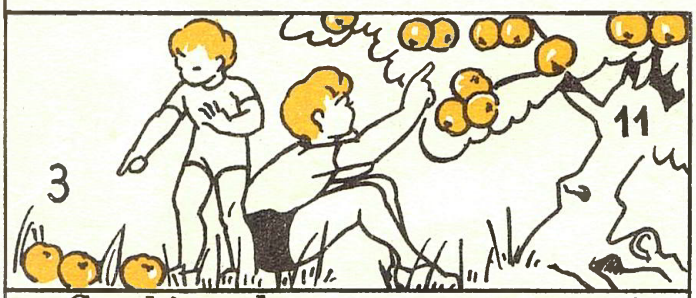
④ 10 + ? = 14
2 + ? = 4
12 + ? = 14
3 + ? = 4
13 + ? = 14

Au jardin.



Combien d'arbres en tout?

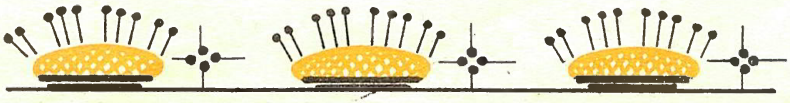
Combien reste-t-il de salades?



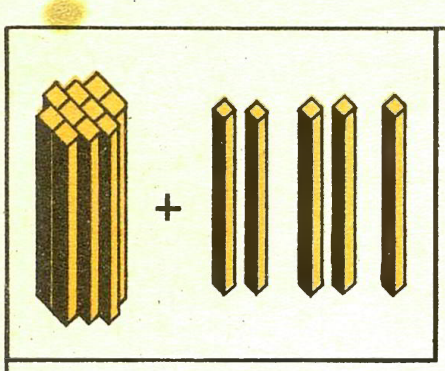
Combien de pommes en tout?

Combien de ruches en tout?

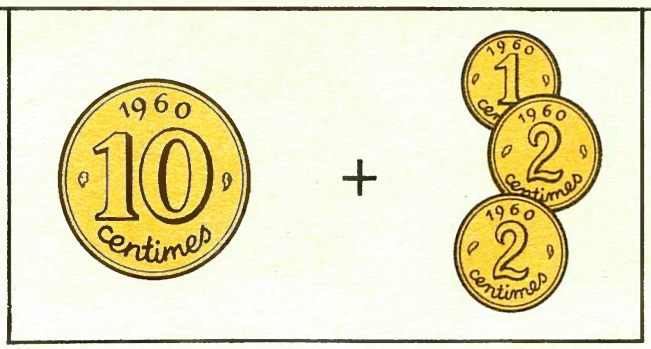
14 − 4 = 10



10 + 4 = 14



10 + 5



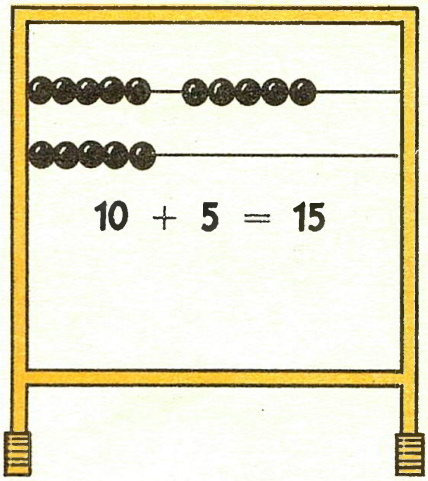
10 + 5

quinze

+

① 15 = 10 + .
5 = 4 + .
15 = 14 + .
5 = 3 + .
15 = 13 + .

② 10 + 5 = .
1 + 4 = .
11 + 4 = .
3 + 2 = .
13 + 2 = .

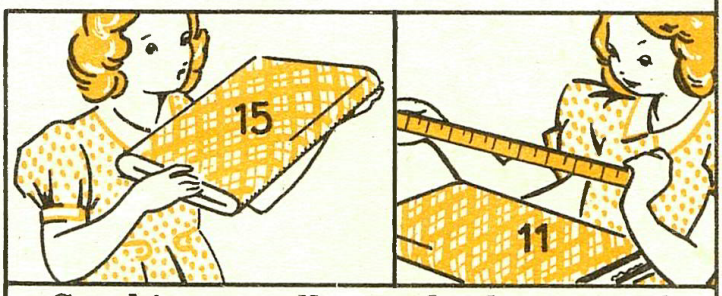


③ 15 − 5 = .
5 − 4 = .
15 − 4 = .
15 − 2 = .
15 − 3 = .

④ 10 + ? = 15
2 + ? = 5
12 + ? = 15
14 + ? = 15
10 + ? = 15

Cécile, mercière.

Combien de cravates en tout?

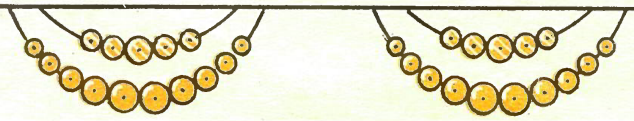


Combien a-t-elle vendu de mètres?

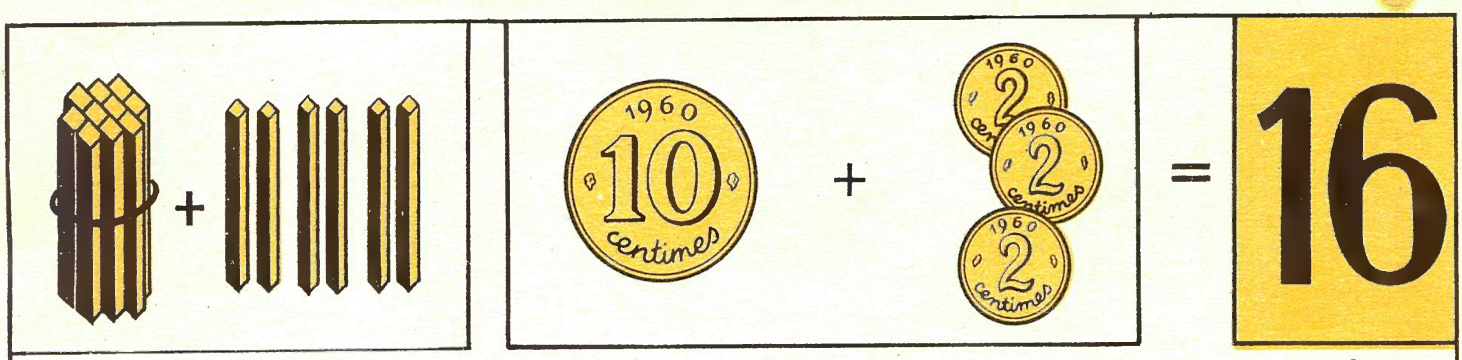
Combien lui reste-t-il de boutons?

Combien de bobines en tout?

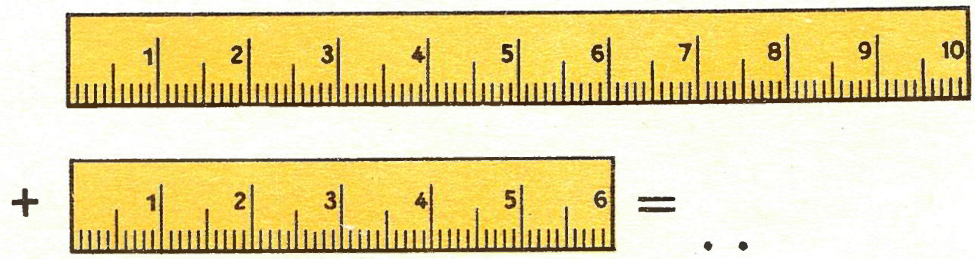
10 + 5 = 15



15 − 5 = 10

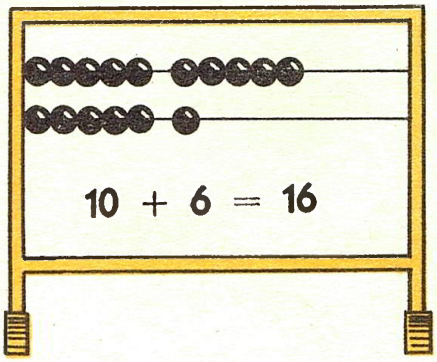


10 + 6 | 10 + 6 | seize



① 16 = 10 + .
6 = 5 + .
16 = 15 + .
6 = 3 + .
16 = 13 + .
16 = 14 + .
16 = 11 + .

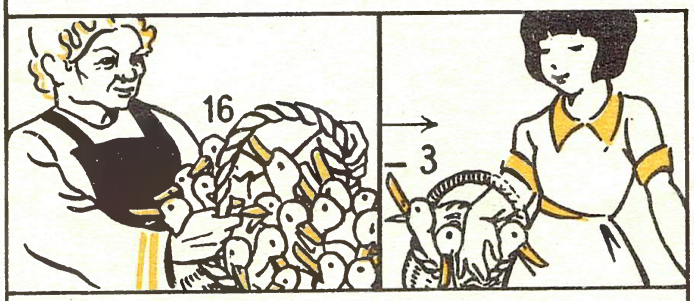
② 10 + 6 = .
3 + 3 = .
13 + 3 = .
5 + 1 = .
15 + 1 = .
12 + 4 = .
10 + 6 = .



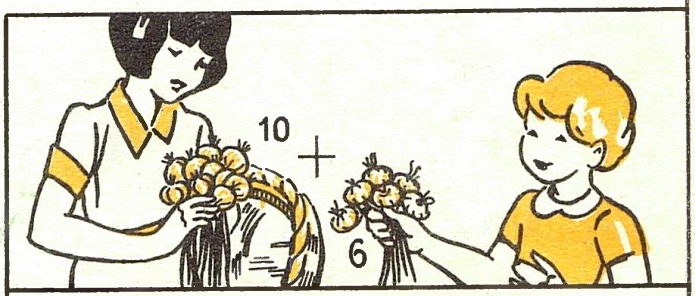
③ 16 − 6 = .
6 − 5 = .
16 − 5 = .
6 − 3 = .
16 − 3 = .
16 − 4 = .
16 − 2 = .

④ 10 + ? = 16
4 + ? = 6
14 + ? = 16
3 + ? = 6
13 + ? = 16
10 + ? = 16
11 + ? = 16

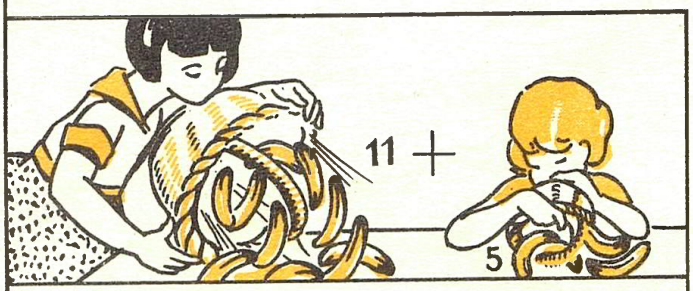
Jacqueline au marché.



Combien reste-t-il de canards?



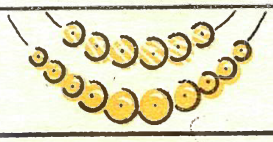
Combien d'oignons ont-ils ensemble?

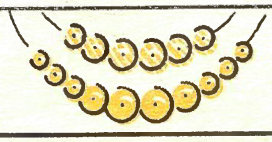


Combien ont-ils de bananes en tout?

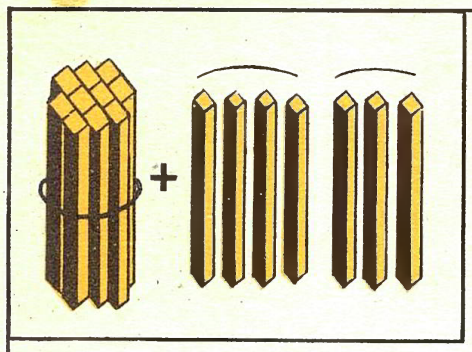
Combien de F de moins sur la 2e table?

16 − 6 = 10

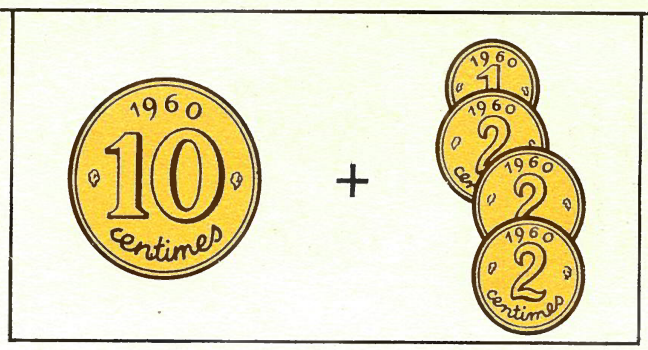




10 + 6 = 16



10 + 7



10 + 7

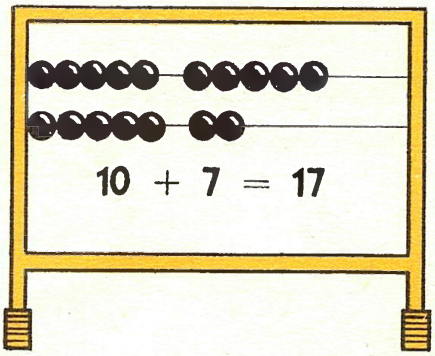
dix-sept

+

= . .

① 17 = 10 + .
7 = 6 + .
17 = 16 + .
7 = 5 + .
17 = 15 + .
17 = 11 + .
17 = 12 + .

② 10 + 7 = .
6 + 1 = .
16 + 1 = .
4 + 3 = .
14 + 3 = .
15 + 2 = .
13 + 4 = .



③ 17 − 7 = .
7 − 2 = .
17 − 2 = .
7 − 6 = .
17 − 6 = .
17 − 5 = .
17 − 3 = .

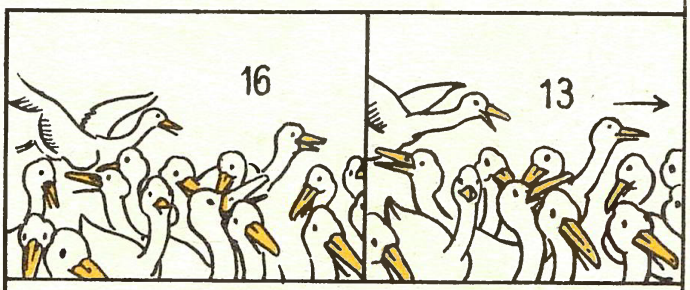
④ 10 + ? = 17
4 + ? = 7
14 + ? = 17
5 + ? = 7
15 + ? = 17
12 + ? = 17
16 + ? = 17

Mireille dans la rue.

Combien de kg de fruits porte le voisin?

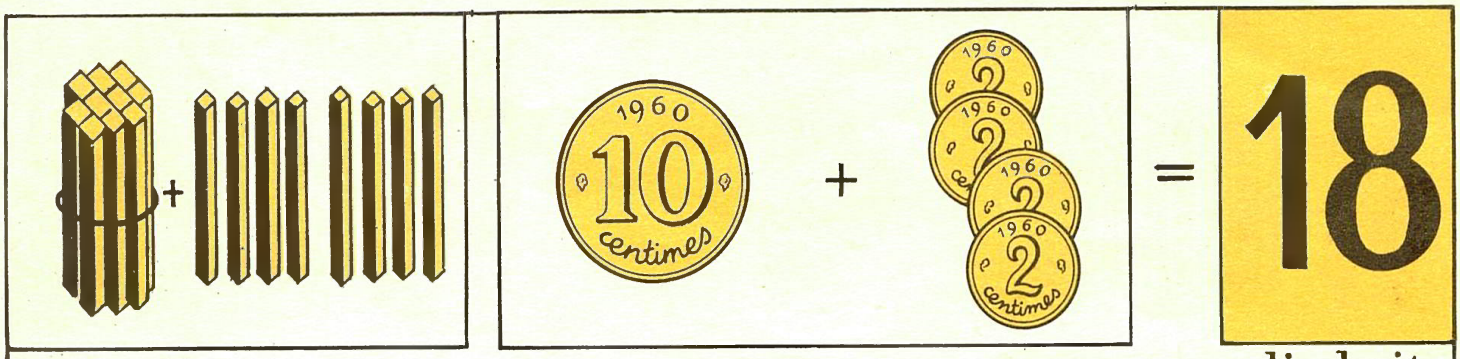
Combien de sacs sur les 2 camions?

Combien reste-t-il de bûches?



Combien d'oies sont parties?

10+7=17 17−7=10

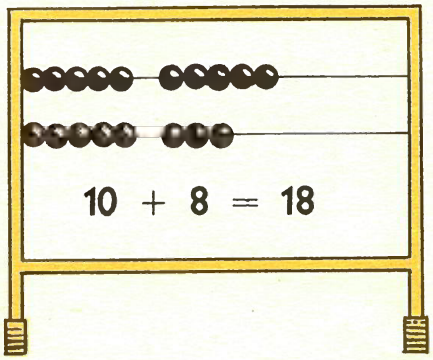


10 + 8 | 10 + 8 | dix-huit

+ = . .

① 18 = 10 + .
8 = 7 + .
18 = 17 + .
8 = 4 + .
18 = 14 + .
18 = 13 + .
18 = 15 + .

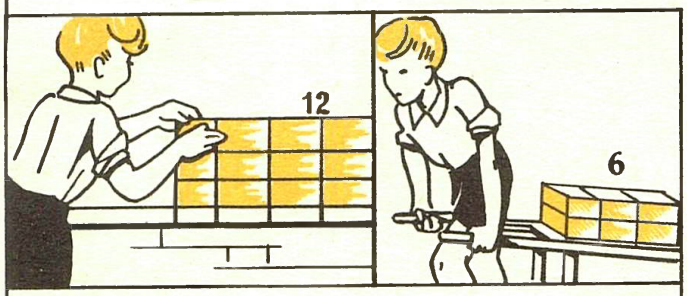
② 10 + 8 = .
6 + 2 = .
16 + 2 = .
7 + 1 = .
17 + 1 = .
11 + 7 = .
12 + 6 = .



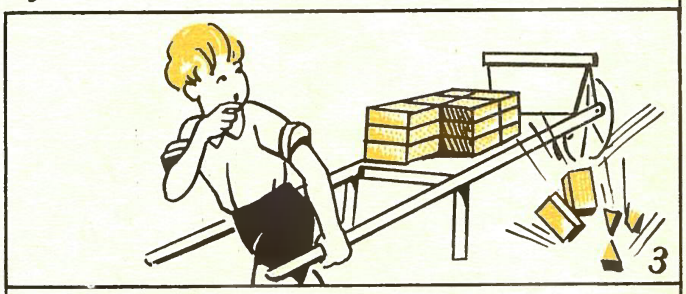
③ 18 − 8 = .
8 − 3 = .
18 − 3 = .
8 − 2 = .
18 − 2 = .
18 − 4 = .
18 − 5 = .

④ 10 + ? = 18
4 + ? = 18
14 + ? = 18
6 + ? = 18
16 + ? = 18
13 + ? = 18
12 + ? = 18

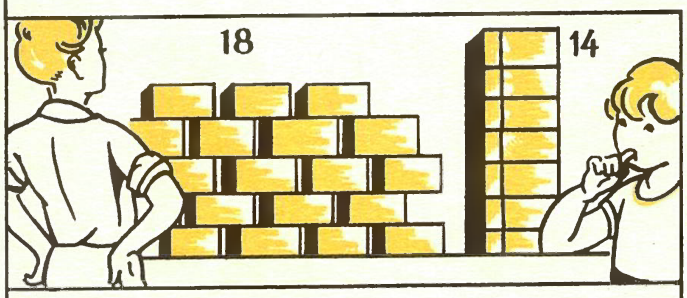
René, maçon.



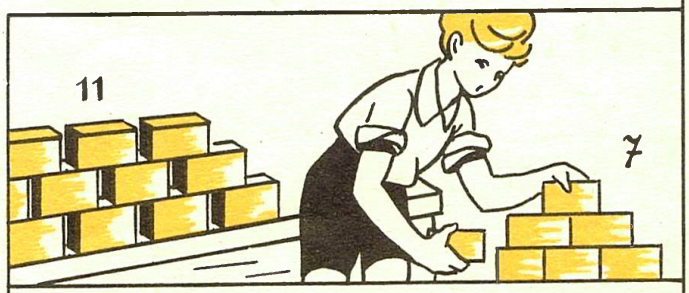
Combien de briques en tout?



Il y avait 18 briques..... ?

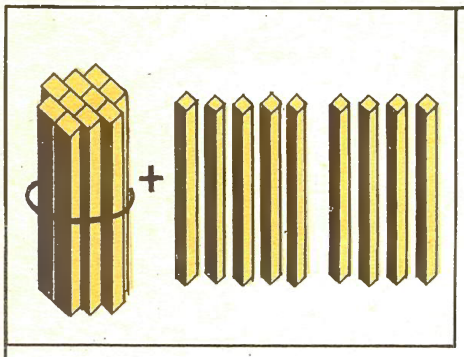


Qui a le plus de briques?

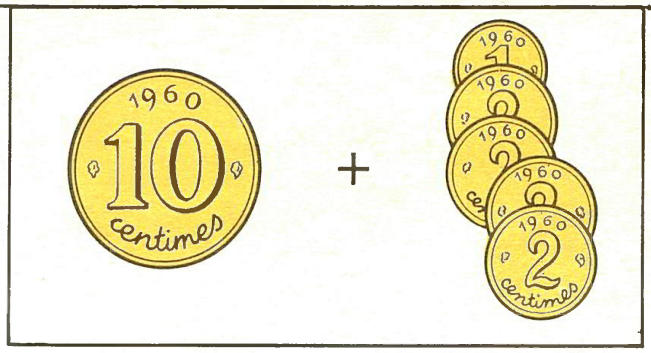


Combien y a-t-il de briques en tout?

18-8=10 *10+8=18*



10 + 9

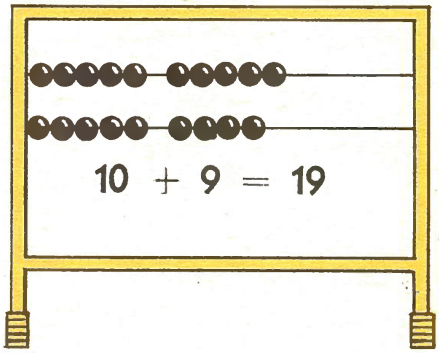


10 + 9

dix-neuf

① 19 = 10 + .
9 = 8 + .
19 = 18 + .
19 = 15 + .
19 = 17 + .
19 = 11 + .
19 = 13 + .

② 10 + 9 = .
7 + 2 = .
17 + 2 = .
11 + 8 = .
15 + 4 = .
14 + 5 = .
13 + 6 = .



③ 19 − 9 = .
9 − 8 = .
19 − 8 = .
19 − 3 = .
19 − 2 = .
19 − 7 = .
19 − 5 = .

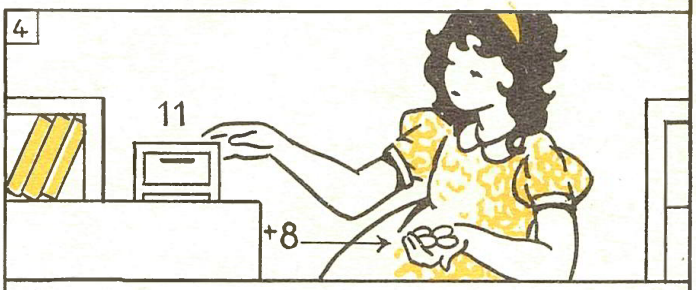
④ 10 + ? = 19
3 + ? = 19
13 + ? = 19
17 + ? = 19
14 + ? = 19
11 + ? = 19
16 + ? = 19

La fortune de Mado.

Combien de centimes a-t-elle ?

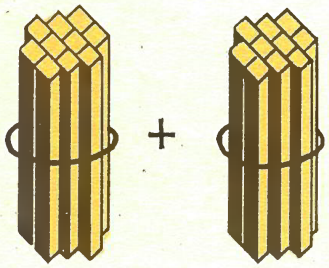
Combien a-t-elle dépensé ?

Combien de centimes a-t-elle pris ?

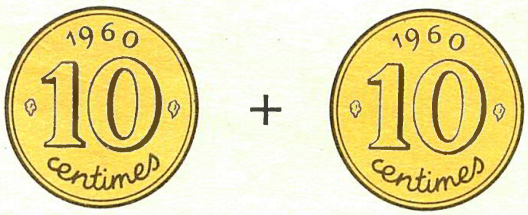


Combien y aura-t-il dans la tirelire ?

10+9=19 19−9=10



10 + 10



10 + 10

= **20**

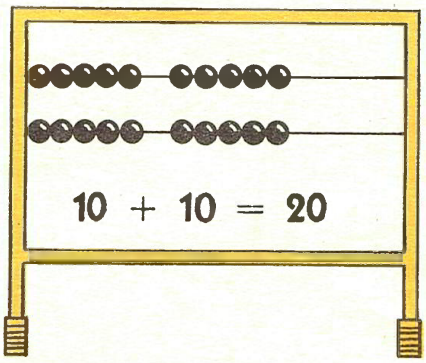
vingt

+

= ...

① 20 = 10 + .
10 = 9 + .
20 = 19 + .
10 = 5 + .
20 = 15 + .
20 = 16 + .
20 = 11 + .

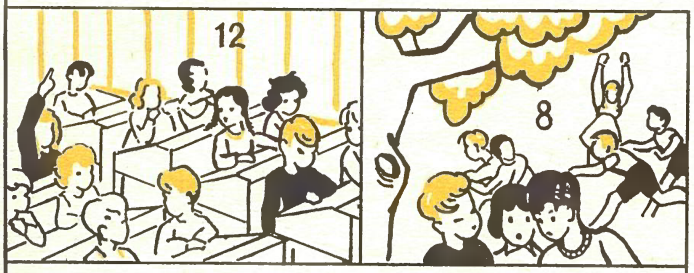
② 10 + 10 = .
5 + 5 = .
15 + 5 = .
8 + 2 = .
18 + 2 = .
11 + 9 = .
16 + 4 = .



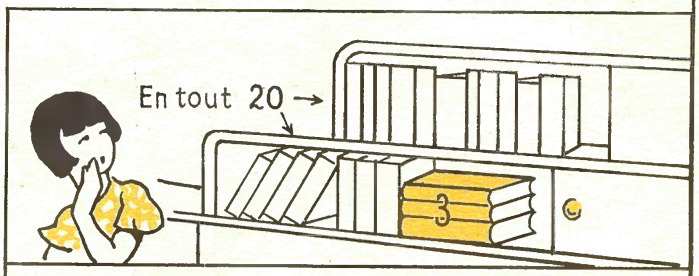
③ 20 — 10 = .
10 — 5 = .
20 — 5 = .
10 — 1 = .
20 — 1 = .
20 — 9 = .
20 — 8 = .

④ 10 + ? = 20
8 + ? = 10
18 + ? = 20
6 + ? = 10
16 + ? = 20
19 + ? = 20
17 + ? = 20

A l'école.

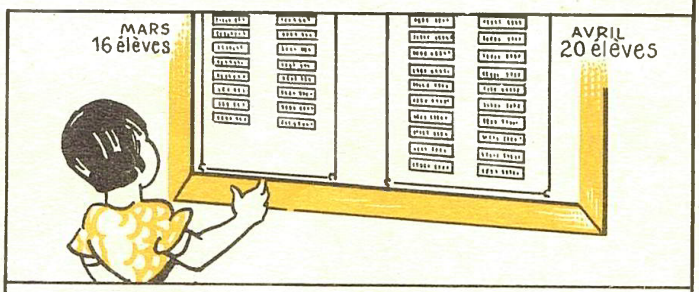


Combien d'élèves y a-t-il en tout?

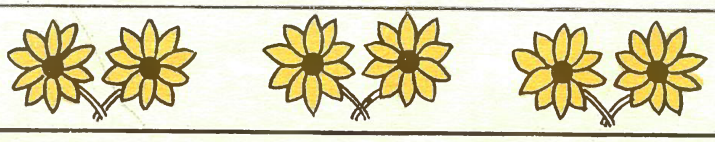


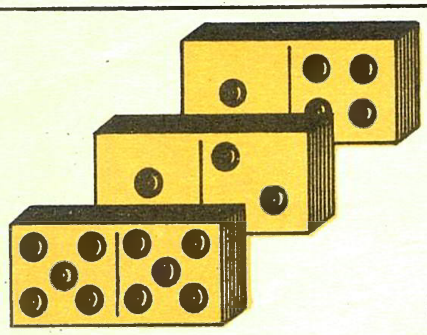
Combien de livres blancs y a-t-il?

Combien d'encriers y a-t-il en tout?

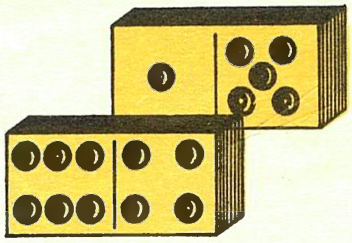


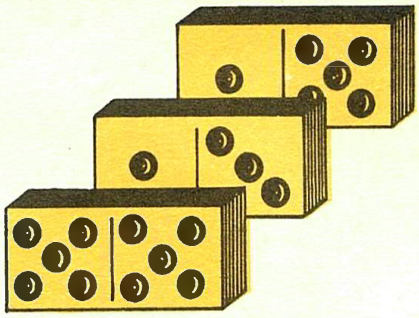
Le tableau d'honneur de mars et d'avril ...?

20-10=10  10+10=20



RÉVISION de 0 à 20





A l'aide des pièces de monnaie, comptons:

	0 1 2 →	10	9 →	0
	10 11 12 →	20	19 →	10
de 2 en 2:	0 2 4 →	10	8 →	0
	10 12 14 →	20	18 →	10
	1 3 5 →	9	7 →	1
	11 13 15 →	19	17 →	11
de 5 en 5:	0 5 10 →	20	15 →	0

①
1 + 5 = .
11 + 5 = .
8 + 1 = .
18 + 1 = .
3 + 4 = .
13 + 4 = .
6 + 3 = .
16 + 3 = .
12 + 2 = .

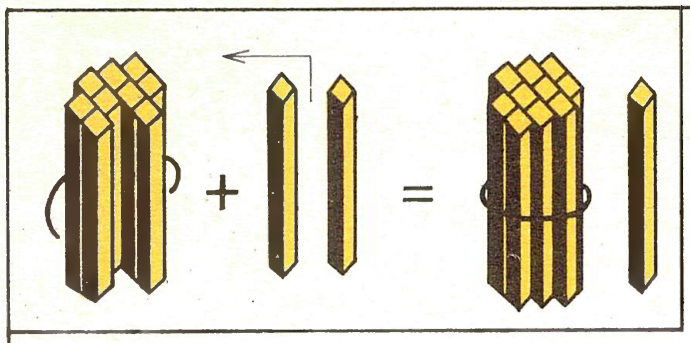
②
13 + 6 = .
14 + 4 = .
12 + 5 = .
17 + 3 = .
11 + 5 = .
12 + 6 = .
10 + 9 = .
11 + 8 = .
15 + 5 = .

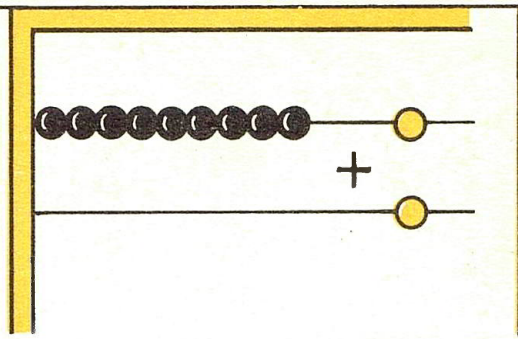
③
8 − 6 = .
18 − 6 = .
7 − 4 = .
17 − 4 = .
10 − 9 = .
20 − 9 = .
6 − 4 = .
16 − 4 = .
15 − 5 = .

④
20 − 3 = .
17 − 6 = .
19 − 3 = .
8 − 5 = .
17 − 7 = .
9 − 5 = .
19 − 8 = .
20 − 5 = .
13 − 2 = .

⑤
11 + ? = 15
19 − ? = 17
7 + ? = 10
17 + ? = 20
15 + ? = 18
19 − ? = 14
8 − ? = 5
18 − ? = 15
5 + ? = 10

A l'aide des pièces de monnaie, composons 20 c de toutes les façons possibles:





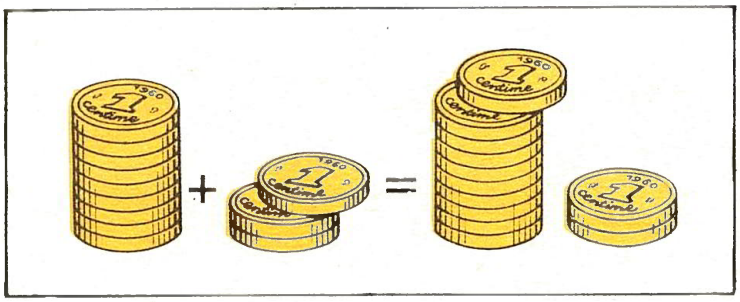
9 +

9 + 2 9 + 2 neuf + . .

9 + 2

9 + 1 = 10
10 + 1 = 11

9 + 2 = 11



9 + 3

9 + 1 = 10
10 + 2 = 12

9 + 3 = 12

9 + 3

9 + 4

9 + . = 10
10 + . = .

9 + 4 = .

9 + 5

9 + . = 10
10 + . = .

9 + 5 = .

9 + 6

9 + . = .
. + . = .

9 + 6 = .

9 + 7

9 + . = .
. + . = .

9 + 7 = .

① 9 + 8 = .
9 + 9 = .
9 + 2 = .
9 + 4 = .
9 + 6 = .

② 9 + 4 = .
9 + 7 = .
9 + 5 = .
9 + 8 = .
9 + 3 = .

③ 9 + 9 = .
9 + 4 = .
9 + 1 = .
9 + 2 = .
9 + 5 = .

④ 9 + 6 = .
9 + 8 = .
9 + 7 = .
9 + 2 = .
9 + 3 = .

⑤ 9 + ? = 10
9 + ? = 12
9 + ? = 15
9 + ? = 18
9 + ? = 19

Jacqueline, ménagère.

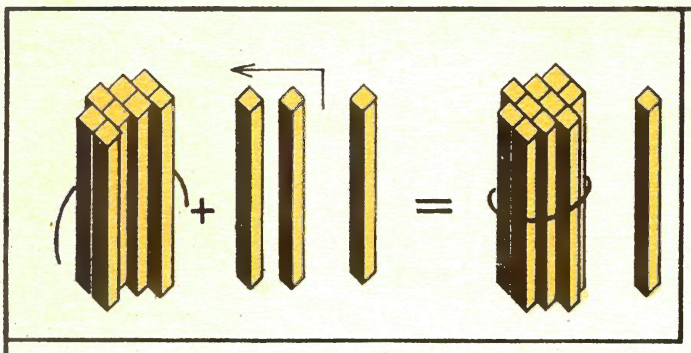
Combien d'assiettes ?

Combien de tasses ?

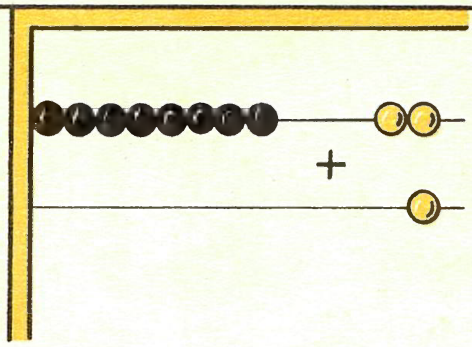
Combien de serviettes ?

9 + 2 9 + 9 9 + 4

9 + 6 9 + 9 9 + 5



8 + 3



8 + 3

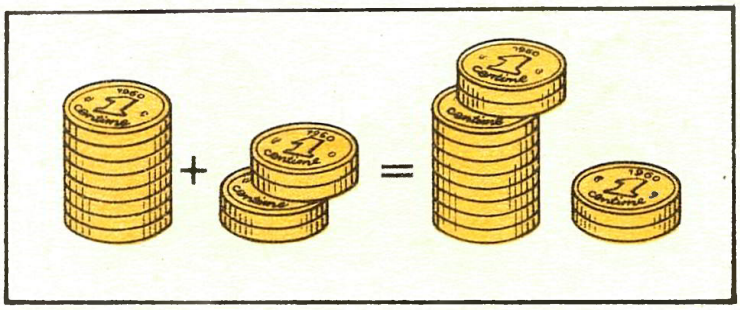
8 +

huit + . .

8 + 3

8 + 2 = 10
10 + 1 = 11

8 + 3 = 11



8 + 4

8 + 4

8 + 2 = 10
10 + 2 = 12

8 + 4 = 12

---

8 + 5

8 + . = 10
10 + . = .

8 + 5 = .

8 + 6

8 + . = 10
10 + . = .

8 + 6 = .

8 + 7

8 + . = .
. + . = .

8 + 7 = .

8 + 8

8 + . = .
. + . = .

8 + 8 = .

① 8 + 3 = .
8 + 8 = .
8 + 5 = .
8 + 4 = .
8 + 2 = .

② 8 + 9 = .
8 + 6 = .
8 + 7 = .
8 + 4 = .
8 + 10 = .

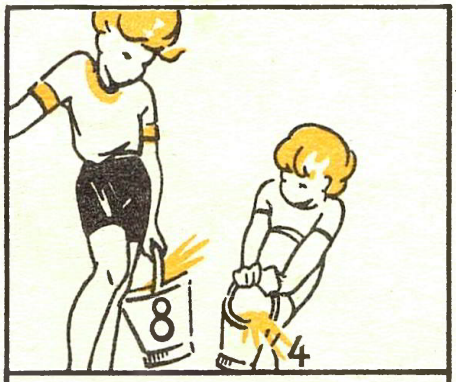
③ 8 + 3 = .
8 + 2 = .
8 + 8 = .
9 + 9 = .
8 + 4 = .

④ 8 + 7 = .
9 + 6 = .
8 + 5 = .
9 + 5 = .
8 + 2 = .

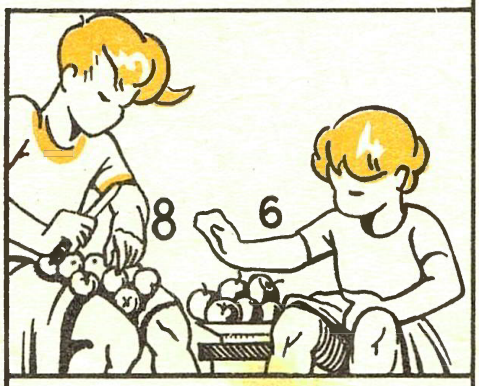
⑤ 8 + ? = 11
8 + ? = 12
8 + ? = 16
8 + ? = 10
8 + ? = 18

René et Jean aident leur maman.

Combien de bûches?

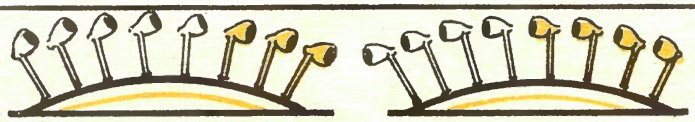


Combien de litres?

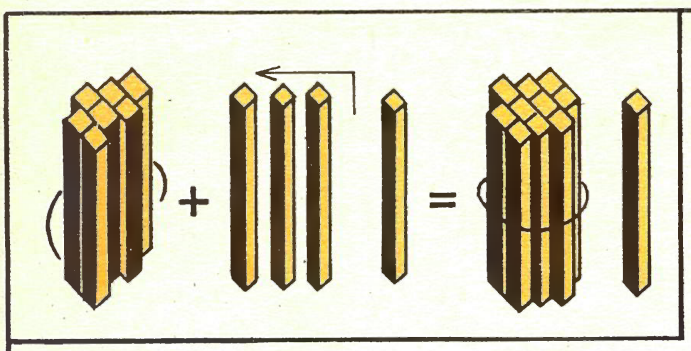


Combien de pommes?

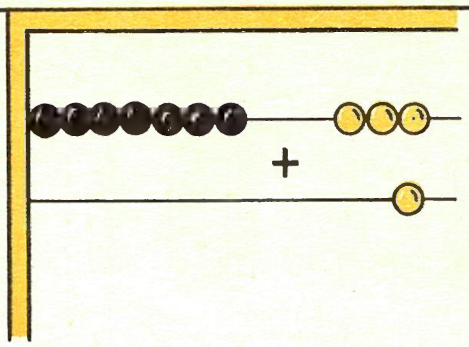
8	8	8
+ 5	+ 8	+ 4



8	8	8
+ 4	+ 8	+ 9



7 + 4



7 + 4

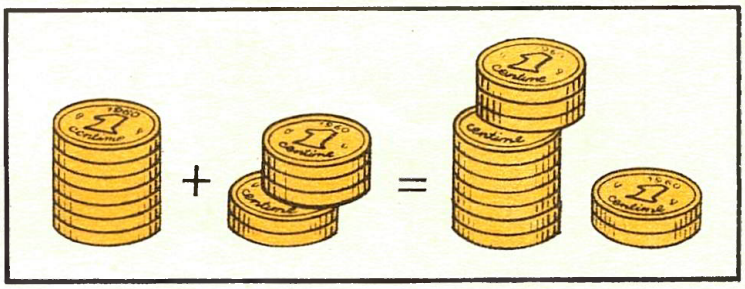
7 +

sept + . .

7 + 4

7 + 3 = 10
10 + 1 = 11

7 + 4 = 11



7 + 5

7 + 5

7 + 3 = 10
10 + 2 = 12

7 + 5 = 12

7 + 6

7 + . = 10
10 + . = .

7 + 6 = .

7 + 7

7 + . = 10
10 + . = .

7 + 7 = .

7 + 8

7 + . = .
. + . = .

7 + 8 = .

7 + 9

7 + . = .
. + . = .

7 + 9 = .

① 7 + 4 = .
7 + 7 = .
7 + 5 = .
7 + 3 = .
7 + 6 = .

② 7 + 7 = .
7 + 1 = .
7 + 9 = .
7 + 5 = .
7 + 10 = .

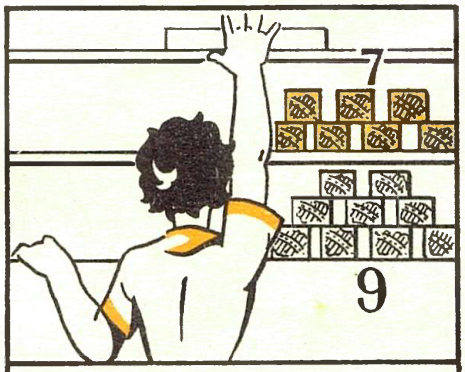
③ 7 + 2 = .
7 + 7 = .
8 + 8 = .
9 + 9 = .
7 + 3 = .

④ 7 + 5 = .
8 + 6 = .
7 + 4 = .
9 + 6 = .
8 + 7 = .

⑤ 7 + ? = 10
7 + ? = 11
7 + ? = 14
8 + ? = 12
9 + ? = 11

Lucien, marchand de tabac.

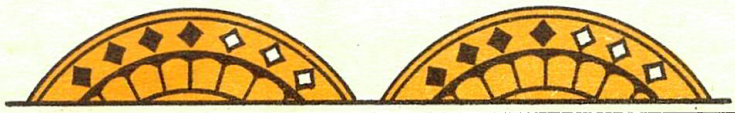
Combien de cigares?



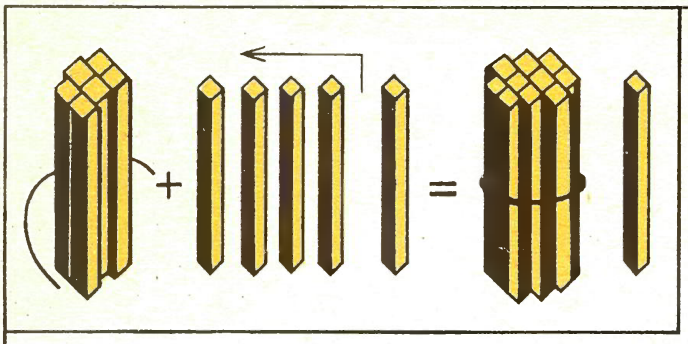
Combien de paquets?

Combien de pipes?

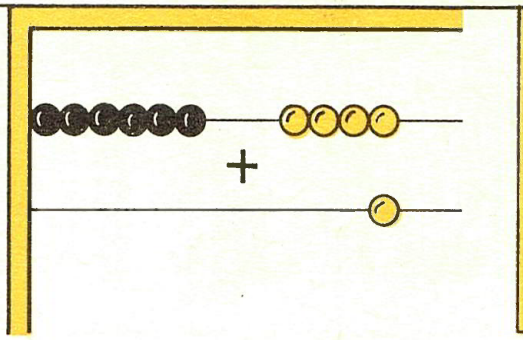
7	7	7
+4	+7	+5



7	7	7
+8	+7	+4



6 + 5



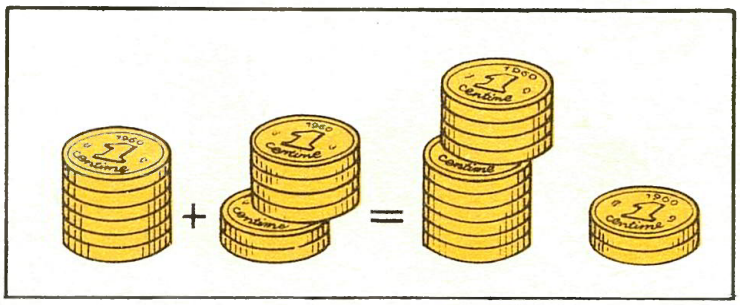
6 + 5

six + . .

6 + 5

6 + 4 = 10
10 + 1 = 11

6 + 5 = 11



6 + 6

6 + 6

6 + 4 = 10
10 + 2 = 10

6 + 6 = 12

6 + 7

6 + . = .
. + . = .

6 + 7 = .

6 + 8

6 + . = .
. + . = .

6 + 8 = .

6 + 9

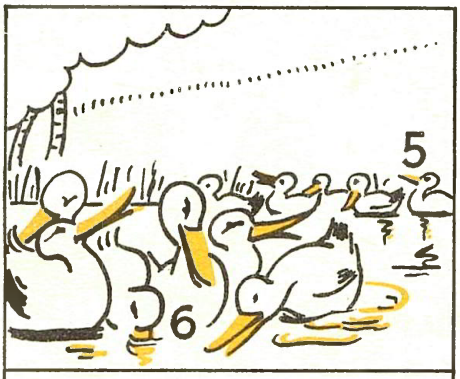
6 + . = .
. + . = .

6 + 9 = .

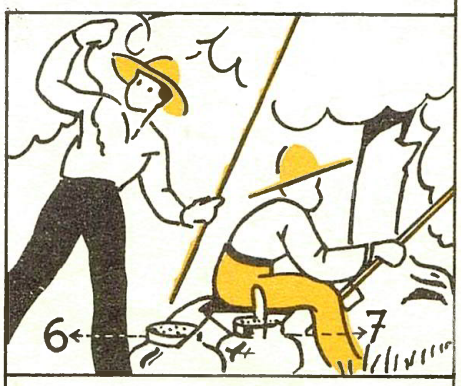
①	②	③	④	⑤
6 + 5 = .	6 + 6 = .	6 + 7 = .	7 + 8 = .	6 + ? = 10
6 + 6 = .	6 + 9 = .	7 + 6 = .	8 + 7 = .	6 + ? = 12
6 + 3 = .	6 + 1 = .	8 + 9 = .	9 + 4 = .	6 + ? = 16
6 + 7 = .	6 + 5 = .	9 + 8 = .	7 + 5 = .	7 + ? = 11
6 + 2 = .	6 + 4 = .	6 + 4 = .	6 + 6 = .	8 + ? = 12

A la rivière.

Combien de personnes?

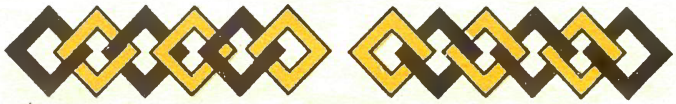


Combien de canards?

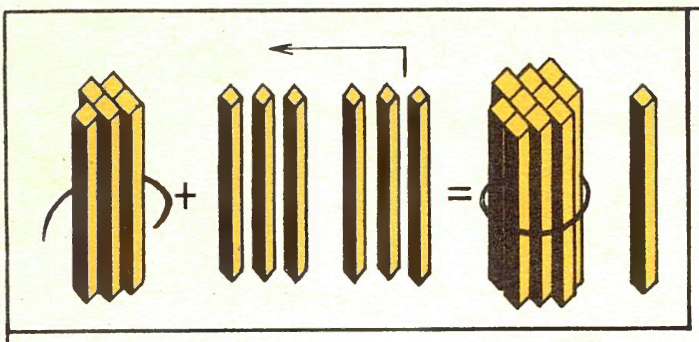


Combien de poissons?

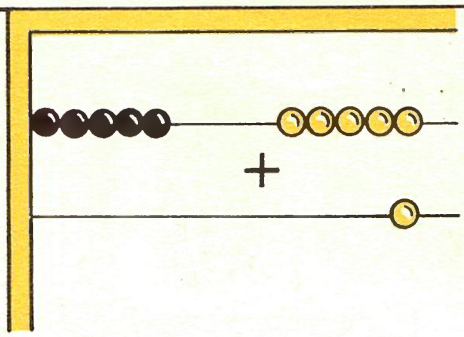
6	6	6
+5	+6	+9



6	6	6
+7	+6	+8



5 + 6



5 + 6

5 +

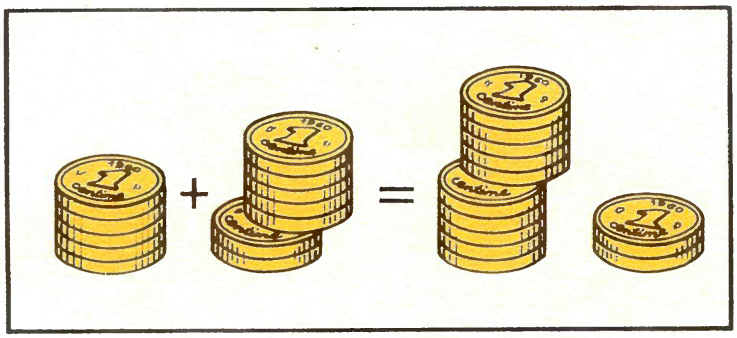
cinq + . .

5 + 6

5 + 5 = 10

10 + 1 = 11

5 + 6 = 11



5 + 7

5 + 7

5 + 5 = 10

10 + 2 = 12

5 + 7 = 12

5 + 7

① 5 + 8 = .
5 + 9 = .
5 + 6 = .
5 + 7 = .
5 + 10 = .

② 5 + 8 = .
5 + 4 = .
5 + 9 = .
5 + 7 = .
5 + 6 = .

③ 5 + 9 = .
9 + 5 = .
5 + 6 = .
6 + 5 = .
8 + 8 = .

④ 5 + 5 = .
6 + 6 = .
7 + 7 = .
8 + 8 = .
9 + 9 = .

⑤ 5 + ? = 10
5 + ? = 15
5 + ? = 11
9 + ? = 12
7 + ? = 11

⑥ 5 + 4 = .
8 + 4 = .
9 + 4 = .
5 + 7 = .
6 + 5 = .

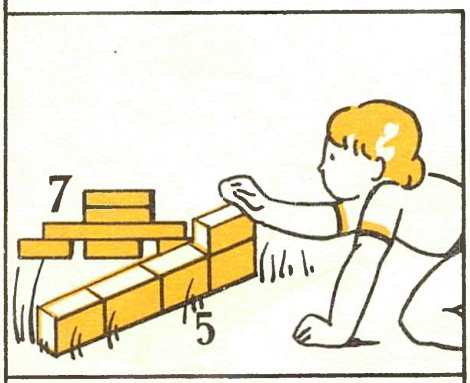
⑦ 7 + 7 = .
6 + 7 = .
7 + 6 = .
8 + 5 = .
5 + 8 = .

⑧ 9 + 5 = .
5 + 9 = .
5 + 4 = .
6 + 7 = .
9 + 8 = .

⑨ 5 + 7 = .
9 + 7 = .
7 + 6 = .
8 + 4 = .
9 + 2 = .

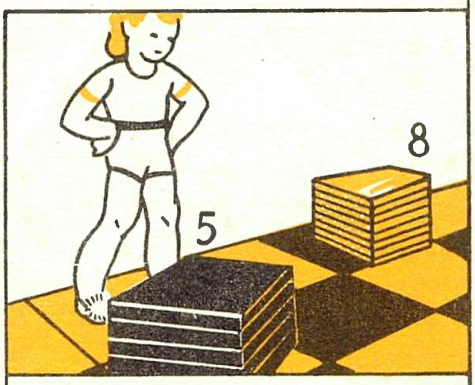
⑩ 5 + ? = 11
9 + ? = 11
7 + ? = 11
6 + ? = 11
8 + ? = 11

Jean, maçon.



Combien de briques?

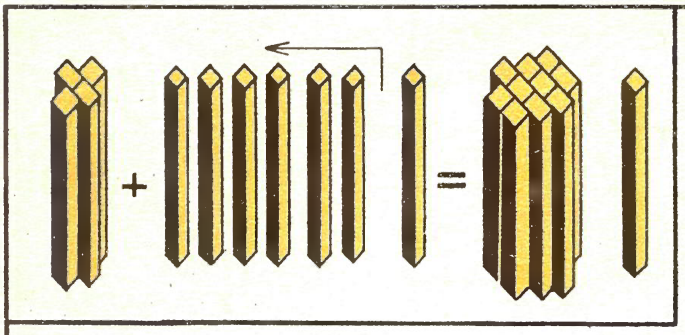
Combien de tuiles?



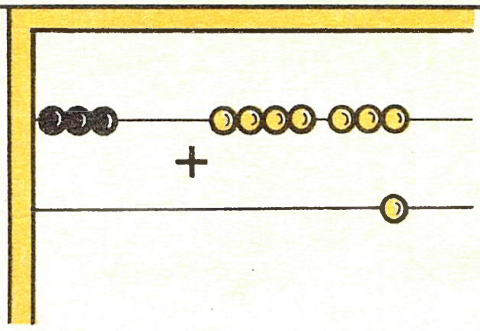
Combien de dalles?

5 + 6   5 + 8   5 + 9

5 + 7   5 + 8   5 + 4



4 + 7

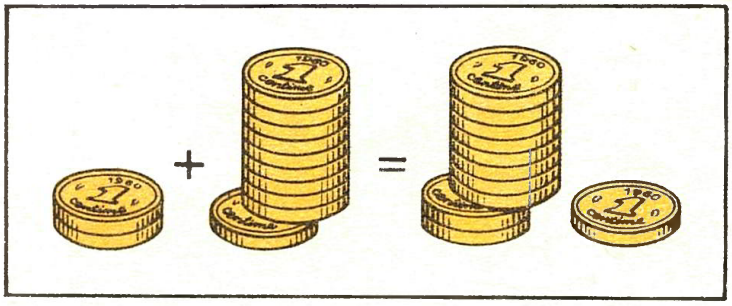


3 + 8

4 + 7

4 + 7 = 10
10 + 1 = 11

4 + 7 = 11



2 + 9

quatre + . .

---

① 4 + 8 = .
4 + 9 = .
3 + 8 = .
3 + 9 = .
2 + 9 = .

② 3 + 9 = .
4 + 9 = .
5 + 9 = .
2 + 9 = .
2 + 5 = .

③ 4 + 6 = .
4 + 7 = .
3 + 9 = .
3 + 7 = .
6 + 6 = .

④ 7 + 7 = .
8 + 8 = .
6 + 6 = .
9 + 9 = .
4 + 8 = .

⑤ 4 + ? = 11
3 + ? = 10
2 + ? = 11
3 + ? = 11
5 + ? = 11

⑥ 4 + 9 = .
9 + 4 = .
3 + 8 = .
8 + 3 = .
9 + 2 = .

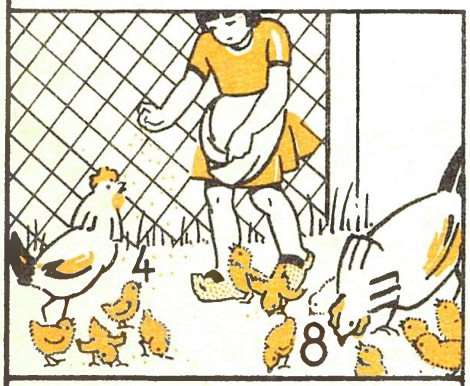
⑦ 8 + 5 = .
5 + 8 = .
9 + 2 = .
2 + 9 = .
7 + 7 = .

⑧ 7 + 4 = .
4 + 7 = .
9 + 2 = .
3 + 9 = .
8 + 8 = .

⑨ 9 + 5 = .
5 + 9 = .
8 + 4 = .
4 + 8 = .
9 + 9 = .

⑩ 4 + ? = 10
3 + ? = 10
2 + ? = 10
1 + ? = 10
6 + ? = 10

Jacqueline, fermière.

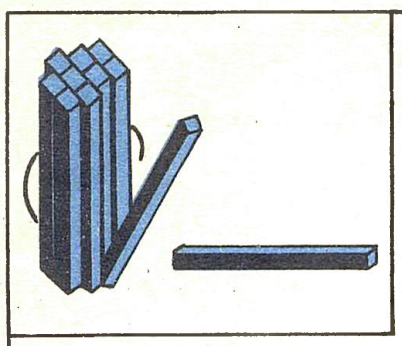


Combien de poussins?

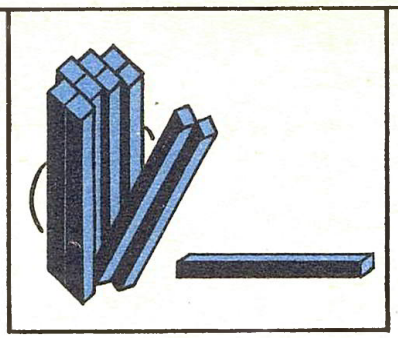
Combien de litres?

Combien de lapins?

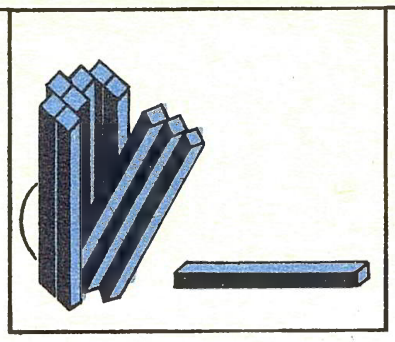
4	9	3	5	7	3
+ 9	+ 4	+ 8	+ 7	+ 5	+ 9



11 — 2



11 — 3



11 — 4

11 —

onze — . .

11 — 2	11 — 3	11 — 4	11 — 5
11 — 1 = 10	11 — 1 = .	11 — . = .	11 — . = .
10 — 1 = 9	10 — 2 = .	10 — . = .	. — . = .
11 — 2 = 9	11 — 3 = .	11 — 4 = .	11 — . = .

① 11 — 6 = .
11 — 7 = .
11 — 8 = .
11 — 9 = .
11 — 1 = .

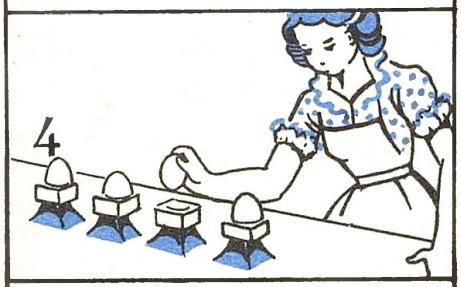
② 11 — 2 = .
11 — 5 = .
11 — 3 = .
11 — 7 = .
11 — 9 = .

③ 11 — ? = 9
11 — ? = 7
11 — ? = 10
11 — ? = 2
11 — ? = 1

④ 11 — ? = 6
11 — ? = 5
11 — ? = 3
11 — ? = 4
11 — ? = 8

⑤ 11 — 4 = .
11 + 4 = .
11 — 6 = .
11 + 6 = .
11 — 10 = .

Maman avait 11 œufs.



Combien lui en restera-t-il?

Le rosier avait 11 roses.

Combien en reste-t-il ?

Il y avait 11 voyageurs.

Combien en reste-t-il dans le car?

Tout ce qui fait 11:

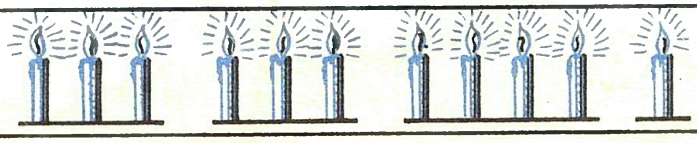
⑥ 10 + ? = 11
8 + ? = 11
9 + ? = 11
7 + ? = 11
5 + ? = 11
1 + ? = 11
7 + ? = 11

⑦ 12 — ? = 11
15 — ? = 11
20 — ? = 11
13 — ? = 11
14 — ? = 11
19 — ? = 11
16 — ? = 11

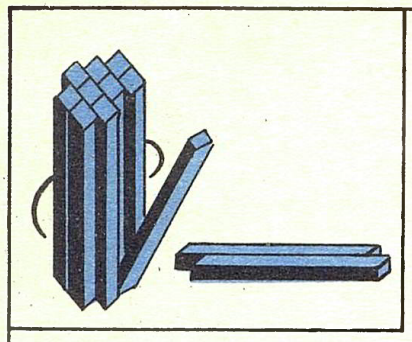
⑧ 5 + 5 + ? = 11
4 + 4 + ? = 11
3 + 3 + ? = 11
2 + 2 + ? = 11
8 + 2 + ? = 11
5 + 4 + ? = 11
6 + 4 + ? = 11

⑨ 10 + ? = 11
17 — ? = 11
7 + ? = 11
16 — ? = 11
9 + ? = 11
13 — ? = 11
12 — ? = 11

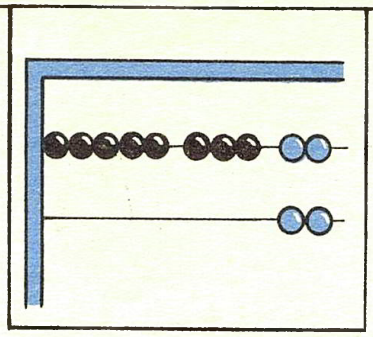
11	7	15
− 2	+ 4	− 4



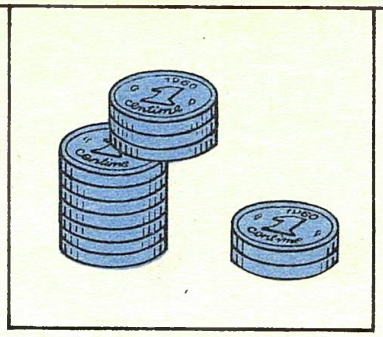
11	8	14
− 4	+ 3	− 3



12 — 3



12 — 4



12 — 5

douze — . .

12 — 3	12 — 4	12 — 5	12 — 6
12 — 2 = 10	12 — 2 = .	12 — . = .	12 — . = .
10 — 1 = 9	10 — 2 = .	10 — . = .	. — . = .
12 — 3 = 9	12 — 4 = .	12 — 5 = .	12 — 6 = .

① 12 — 7 = .
12 — 8 = .
12 — 9 = .
12 — 10 = .
12 — 2 = .

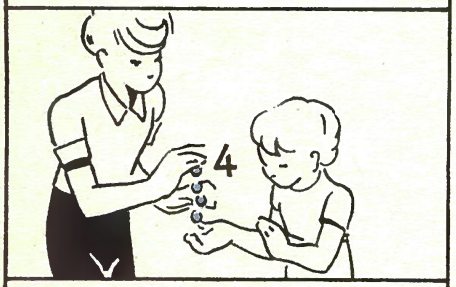
② 12 — 4 = .
12 — 6 = .
12 — 8 = .
12 — 1 = .
12 — 3 = .

③ 12 — ? = 10
12 — ? = 9
12 — ? = 11
12 — ? = 8
12 — ? = 6

④ 12 — ? = 2
12 — ? = 7
12 — ? = 9
12 — ? = 8
12 — ? = 10

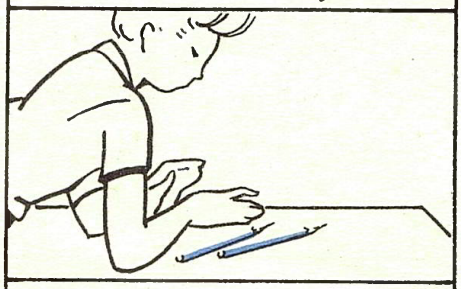
⑤ 12 — 4 = .
12 + 4 = .
12 — 6 = .
12 + 6 = .
12 — 3 = .

René avait 12 billes.



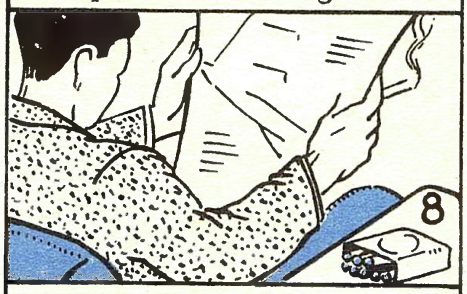
Combien lui en reste-t-il ?

René a 12 crayons.



Combien dans sa boîte ?

Papa avait 12 cigarettes.



Combien en a-t-il fumé ?

Tout ce qui fait 12 :

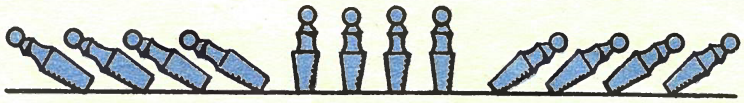
⑥ 10 + ? = 12
11 + ? = 12
6 + ? = 12
9 + ? = 12
8 + ? = 12
2 + ? = 12
1 + ? = 12

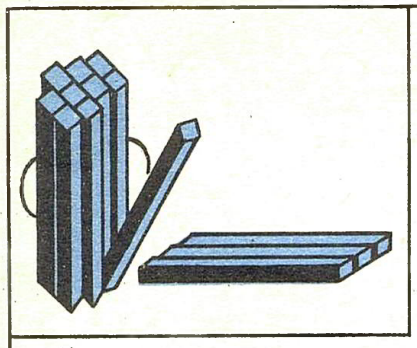
⑦ 13 — ? = 12
15 — ? = 12
20 — ? = 12
14 — ? = 12
16 — ? = 12
18 — ? = 12
20 — ? = 12

⑧ 6 + 4 + ? = 12
4 + 4 + ? = 12
5 + 5 + ? = 12
7 + 3 + ? = 12
8 + 1 + ? = 12
3 + 3 + ? = 12
8 + 2 + ? = 12

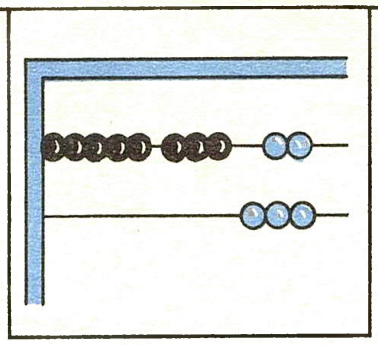
⑨ 10 + ? = 12
14 — ? = 12
9 + ? = 12
15 — ? = 12
6 + ? = 12
18 — ? = 12
13 — ? = 12

12	6	15		12	8	16
— 4	+ 6	— 3		— 6	+ 4	— 4

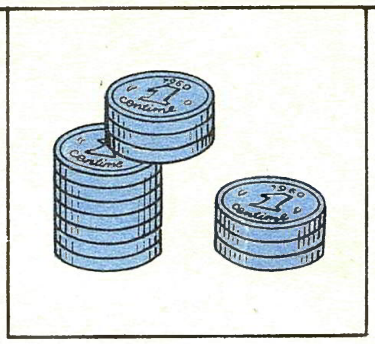




13 — 4



13 — 5



13 — 6

13 -

treize — . .

13 — 4	13 — 5	13 — 6	13 — 7
13 — 3 = 10	13 — . = .	13 — . = .	. — . = .
10 — 1 = 9	10 — . = .	10 — . = .	. — . = .
13 — 4 = 9	13 — 5 = .	13 — 6 = .	13 — 7 = .

① 13 — 8 = .
13 — 9 = .
13 — 10 = .
13 — 1 = .
13 — 3 = .

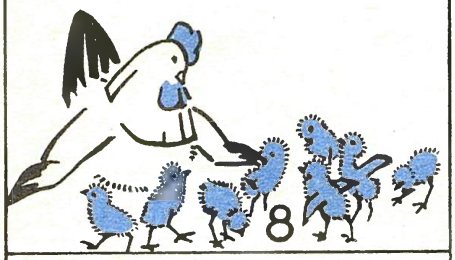
② 13 — 2 = .
13 — 4 = .
13 — 6 = .
13 — 5 = .
13 — 3 = .

③ 13 — ? = 10
13 — ? = 9
13 — ? = 11
13 — ? = 8
13 — ? = 7

④ 13 — 3 = .
13 + 3 = .
13 — 7 = .
13 + 7 = .
13 — 1 = .

⑤ 13 + 3 = .
13 + 6 = .
13 — 6 = .
13 + 2 = .
13 — 2 = .

La poule a 13 poussins.



Combien sous ses ailes ?

Mado avait 13 tulipes.

Combien lui en reste-t-il ?

La fleur avait 13 languettes.

Combien en reste-t-il ?

Tout ce qui fait 13 :

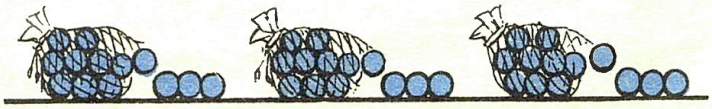
⑥ 10 + ? = 13
12 + ? = 13
9 + ? = 13
11 + ? = 13
8 + ? = 13
3 + ? = 13
7 + ? = 13

⑦ 14 — ? = 13
16 — ? = 13
15 — ? = 13
20 — ? = 13
17 — ? = 13
19 — ? = 13
18 — ? = 13

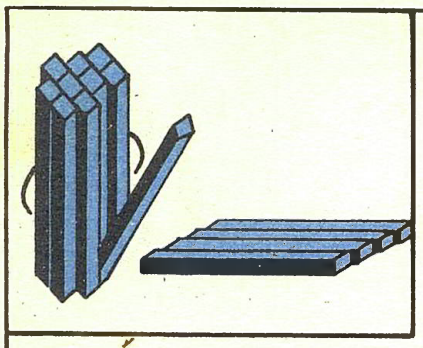
⑧ 5 + 5 + ? = 13
6 + 6 + ? = 13
4 + 6 + ? = 13
7 + 3 + ? = 13
5 + 4 + ? = 13
4 + 4 + ? = 13
6 + 5 + ? = 13

⑨ 11 + ? = 13
15 — ? = 13
10 + ? = 13
16 — ? = 13
8 + ? = 13
18 — ? = 13
7 + ? = 13

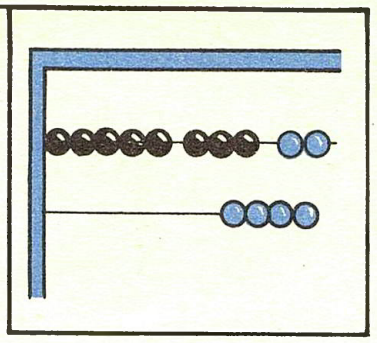
$\begin{array}{r} 13 \\ -\ 6 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ +\ 5 \\ \hline \end{array}$ $\begin{array}{r} 15 \\ -\ 2 \\ \hline \end{array}$



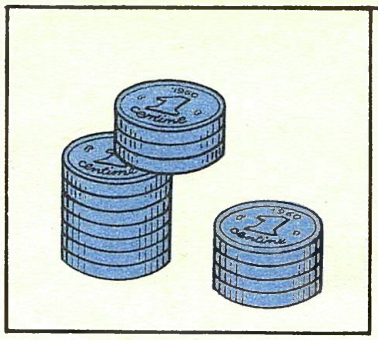
$\begin{array}{r} 13 \\ -\ 4 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$ $\begin{array}{r} 17 \\ -\ 4 \\ \hline \end{array}$



14 — 5



14 — 6



14 — 7

quatorze — . .

14 — 5	14 — 6	14 — 7
14 — 4 = 10	14 — . = .	. — . = .
10 — 1 = 9	10 — . = .	. — . = .
14 — 5 = 9	14 — 6 = .	14 — 7 = .

① 14 — 8 = .
14 — 9 = .
14 — 10 = .
14 — 3 = .
14 — 2 = .

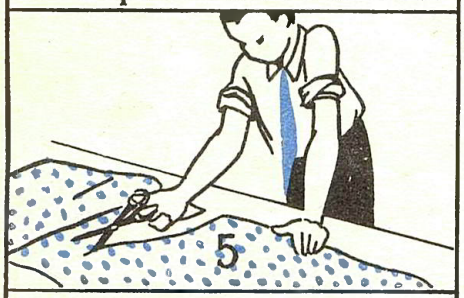
② 14 — 5 = .
14 — 7 = .
14 — 6 = .
14 — 4 = .
14 — 7 = .

③ 14 — ? = 10
14 — ? = 12
14 — ? = 9
14 — ? = 7
14 — ? = 11

④ 14 + 5 = .
14 — 5 = .
14 + 6 = .
14 — 6 = .
14 + 1 = .

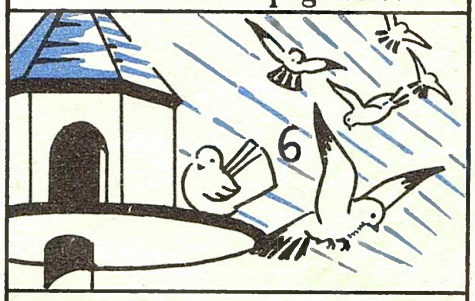
⑤ 14 — 8 = .
14 + 3 = .
14 — 3 = .
14 + 4 = .
14 — 8 = .

Le coupon avait 14 mètres.



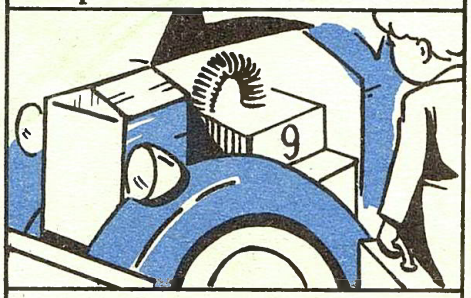
Combien en reste-t-il ?

René a 14 pigeons.



Combien dans le pigeonnier?

Papa avait 14 l. d'essence.



Combien en manque-t-il ?

Tout ce qui fait 14 :

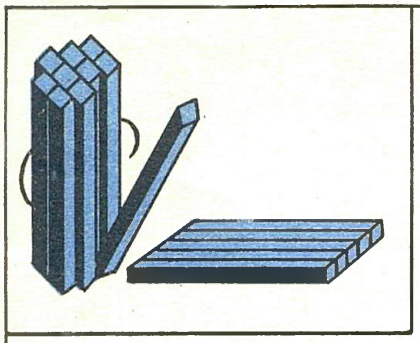
⑥ 13 + ? = 14
10 + ? = 14
12 + ? = 14
11 + ? = 14
7 + ? = 14
4 + ? = 14
9 + ? = 14

⑦ 16 — ? = 14
15 — ? = 14
18 — ? = 14
20 — ? = 14
17 — ? = 14
19 — ? = 14
16 — ? = 14

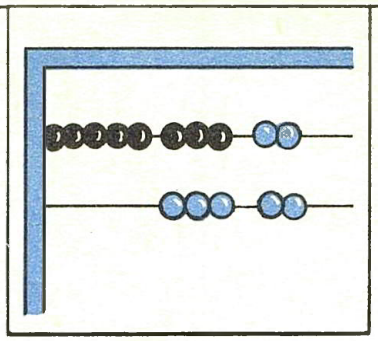
⑧ 6 + 6 + ? = 14
5 + 5 + ? = 14
7 + 3 + ? = 14
8 + 3 + ? = 14
4 + 6 + ? = 14
9 + 3 + ? = 14
7 + 6 + ? = 14

⑨ 10 + ? = 14
18 — ? = 14
9 + ? = 14
19 — ? = 14
10 + ? = 14
20 — ? = 14
15 — ? = 14

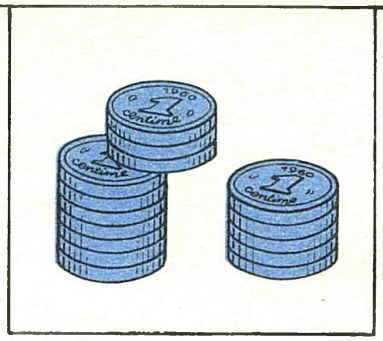
14	7	16				14	9	17
− 5	+ 7	− 2				− 7	+ 5	− 3



15 — 6



15 — 7



15 — 8

quinze — . .

15 — 6	15 — 7	15 — 8
15 — 5 = 10	15 — . = .	. — . = .
10 — 1 = 9	10 — . = .	. — . = .
15 — 6 = 9	15 — 7 = .	15 — 8 = .

① 15 — 9 = .
15 — 5 = .
15 — 6 = .
15 — 10 = .
15 — 7 = .

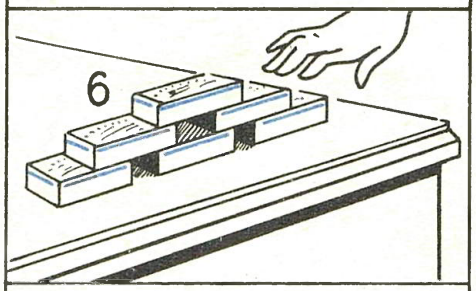
② 15 — 4 = .
15 — 8 = .
15 — 7 = .
15 — 9 = .
15 — 2 = .

③ 15 — ? = 13
15 — ? = 9
15 — ? = 8
15 — ? = 10
15 — ? = 7

④ 15 — 6 = .
15 + 5 = .
15 — 7 = .
15 + 3 = .
15 — 10 = .

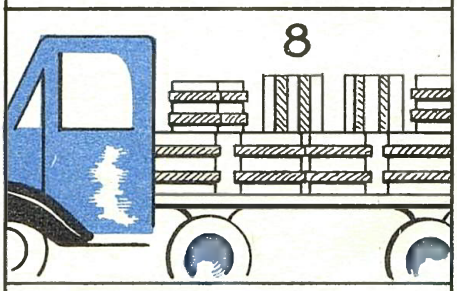
⑤ 14 — ? = 10
15 — ? = 10
14 — ? = 11
15 — ? = 11
12 — ? = 9

Il y avait 15 boîtes de sardines



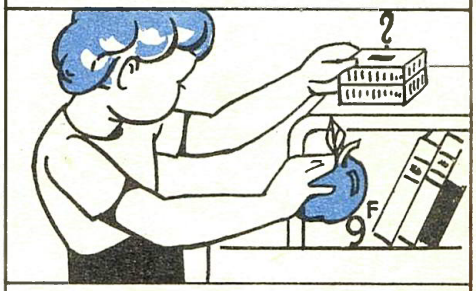
Combien ont été vendues ?

Il y avait 15 caisses.



Combien ont été déchargées ?

15 centimes en tout.



Combien dans la 2e tirelire ?

Tout ce qui fait 15 :

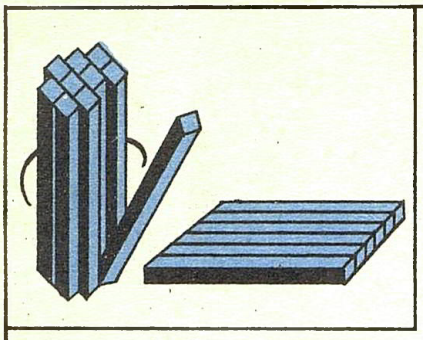
⑥ 10 + ? = 15
11 + ? = 15
9 + ? = 15
14 + ? = 15
12 + ? = 15
13 + ? = 15
10 + ? = 15

⑦ 20 — ? = 15
16 — ? = 15
19 — ? = 15
18 — ? = 15
17 — ? = 15
16 — ? = 15
20 — ? = 15

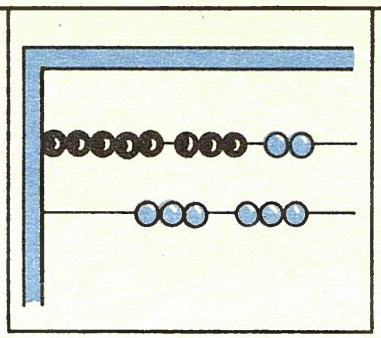
⑧ 6 + 6 + ? = 15
5 + 5 + ? = 15
7 + 7 + ? = 15
8 + 2 + ? = 15
6 + 3 + ? = 15
7 + 3 + ? = 15
6 + 5 + ? = 15

⑨ 14 + ? = 15
16 — ? = 15
10 + ? = 15
20 — ? = 15
12 + ? = 15
18 — ? = 15
17 — ? = 15

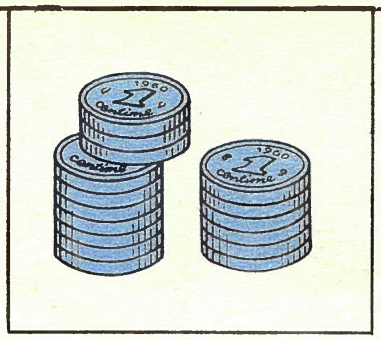
15	10	20				15	9	18
— 6	+ 5	— 5				— 5	+ 6	— 3



16 — 7



16 — 8



16 — 9

16

seize — . .

16 — 7

16 — 6 = 10
10 — 1 = 9

16 — 7 — 9

16 — 8

16 — . = .
10 — . = .

16 — 8 = .

16 — 9

. — . = .
. — . = .

16 — 9 = .

① 16 — 6 = .
16 — 10 = .
16 — 8 = .
16 — 9 = .
16 — 7 = .

② 16 — 8 = .
16 — 9 = .
16 — 7 = .
16 — 5 = .
16 — 6 = .

③ 16 — ? = .
16 — ? = .
16 — ? = .
16 — ? = .
16 — ? = .

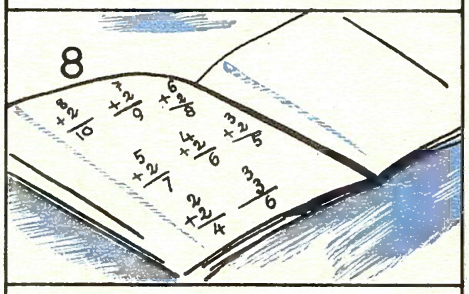
④ 16 + 4 = .
16 — 4 = .
16 + 2 = .
16 — 8 = .
16 + 3 = .

⑤ 16 — ? = 9
15 — ? = 9
14 — ? = 9
13 — ? = 9
12 — ? = 9

Il y a 16 élèves au C. P.

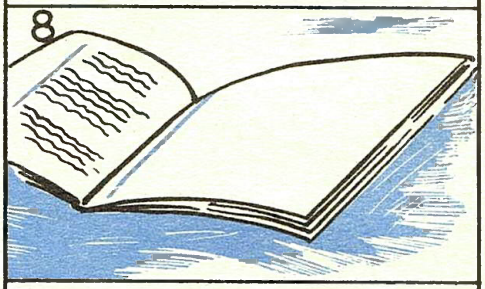
Combien sont absents ?

Il y a 16 additions à faire.



Combien reste-t-il à faire ?

Ce cahier a 16 pages.



Combien de blanches encore ?

Tout ce qui fait 16 :

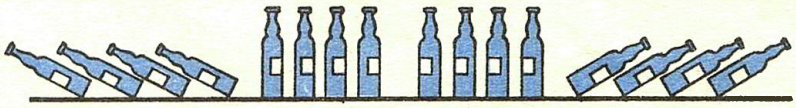
⑥ 10 + ? = 16
14 + ? = 16
15 + ? = 16
9 + ? = 16
8 + ? = 16
13 + ? = 16
7 + ? = 16

⑦ 20 — ? = 16
18 — ? = 16
17 — ? = 16
19 — ? = 16
18 — ? = 16
20 — ? = 16
17 — ? = 16

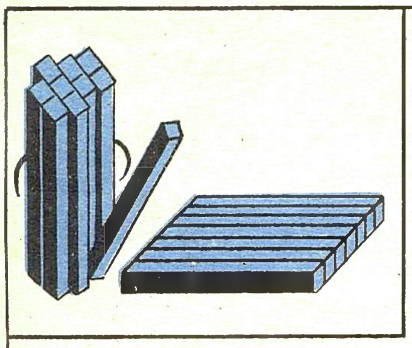
⑧ 5 + 5 + ? = 16
7 + 7 + ? = 16
8 + 8 + ? = 16
6 + 6 + ? = 16
4 + 6 + ? = 16
6 + 5 + ? = 16
9 + 3 + ? = 16

⑨ 10 + ? = 16
20 — ? = 16
9 + ? = 16
19 — ? = 16
8 + ? = 16
18 — ? = 16
15 + ? = 16

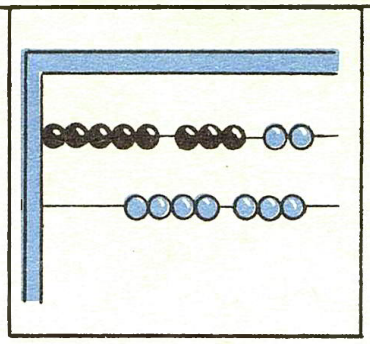
16 — 4   8 + 8   20 — 4



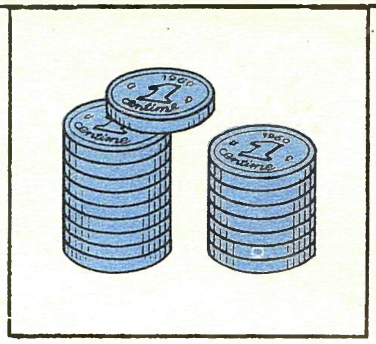
16 — 7   8 + 8   19 — 4



17 — 8



17 — 9



17 — 8

dix-sept — .

17 — 8

17 — 7 = 10
10 — . = .

17 — 8 = .

17 — 9

. — . = .
. — . = .

17 — 9 = .

① 17 — 1 = .
17 — 2 = .
17 — 7 = .
17 — 6 = .
17 — 10 = .

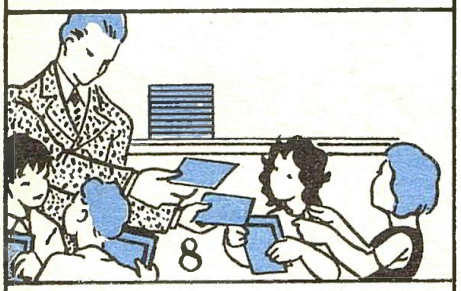
② 17 — 8 = .
17 — 2 = .
17 — 9 = .
17 — 10 = .
17 — 5 = .

③ 17 — ? = 16
17 — ? = 10
17 — ? = 9
17 — ? = 14
17 — ? = 8

④ 17 + 2 = .
17 — 2 = .
17 + 3 = .
17 — 3 = .
17 — 8 = .

⑤ 17 + ? = 20
17 — ? = 15
13 + ? = 15
15 + ? = 17
11 + ? = 14

Le maître avait 17 cahiers.



Combien lui en reste-t-il ?

Mado avait 17 fraises.

Combien en a-t-elle mangé ?

Mado avait 17 perles.

Combien en a-t-elle perdu ?

Tout ce qui fait 17 :

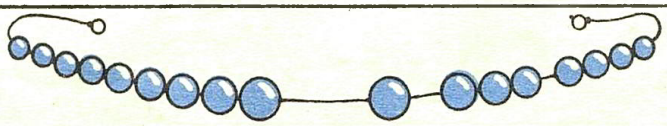
⑥ 16 + ? = 17
15 + ? = 17
10 + ? = 17
7 + ? = 17
9 + ? = 17
14 + ? = 17
18 — ? = 17

⑦ 20 — ? = 17
18 — ? = 17
19 — ? = 17
20 — ? = 17
15 + ? = 17
10 + ? = 17
19 — ? = 17

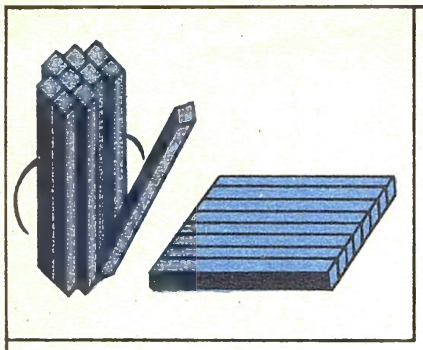
⑧ 6 + 6 + ? = 17
8 + 8 + ? = 17
7 + 7 + ? = 17
5 + 5 + ? = 17
10 + 5 + ? = 17
10 + 4 + ? = 17
9 + 6 + ? = 17

⑨ 10 + ? = 17
20 — ? = 17
12 + ? = 17
19 — ? = 17
15 + ? = 17
18 — ? = 17
7 + ? = 17

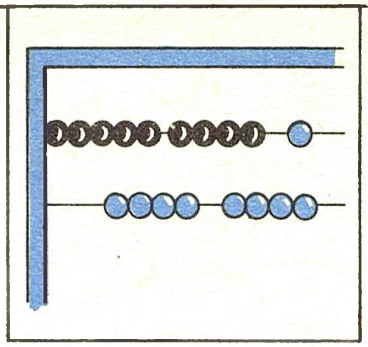
17	12	19
−8	+5	−2



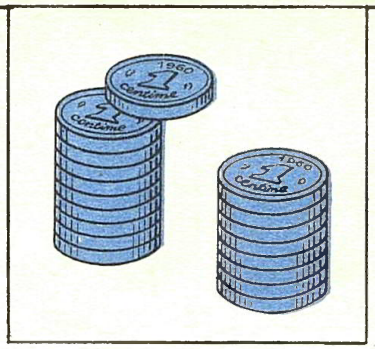
17	9	20
−5	+8	−3



18 — 9



18 — 9



18 — 9

dix-huit — .

18 — 9

18 — . = .
10 — . = .

18 — 9 = .

① 18 — 8 = .
18 — 9 = .
18 — 10 = .
18 — 8 = .
18 — 7 = .

② 13 — 6 = .
18 — 9 = .
15 — 6 = .
12 — 6 = .
11 — 5 = .

③ 18 — ? = 10
18 — ? = 9
18 — ? = 8
15 — ? = 9
11 — ? = 8

④ 18 — 8 = .
18 + 2 = .
18 — 9 = .
18 + 1 = .
17 + 3 = .

⑤ 18 + ? = 20
18 — ? = 16
18 — ? = 9
16 — ? = 9
12 — ? = 6

L'épicier avait 18 bananes.

Combien en a-t-il vendu ?

Jean avait 18 cerises

Combien en a-t-il mangé ?

Maman avait 18 oranges.

Combien en a-t-elle distribué ?

Tout ce qui fait 18 :

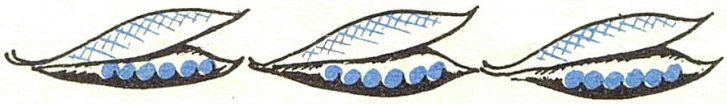
⑥ 10 + ? = 18
8 + ? = 18
15 + ? = 18
17 + ? = 18
14 + ? = 18
9 + ? = 18
13 + ? = 18

⑦ 19 — ? = 18
20 — ? = 18
10 + ? = 18
19 — ? = 18
12 + ? = 18
20 — ? = 18
14 + ? = 18

⑧ 5 + 5 + ? = 18
7 + 7 + ? = 18
8 + 8 + ? = 18
6 + 6 + ? = 18
9 + 9 + ? = 18
2 + 8 + ? = 18
5 + 4 + ? = 18

⑨ 12 + ? = 18
20 — ? = 18
8 + ? = 18
19 — ? = 18
12 + ? = 18
15 + ? = 18
19 — ? = 18

18	9	20
— 8	+ 9	— 2



18	9	19
— 5	+ 9	— 1

A l'aide des pièces de monnaie, composons 20 c de toutes les façons possibles :

RÉVISION de 0 à 20

① 3 c + 4 c = .
12 c + 3 c = .
8 c + 5 c = .
16 c + 4 c = .
6 c + 5 c = .

② 9 c — 2 c = .
13 c — 5 c = .
18 c — 3 c = .
8 c — 4 c = .
14 c — 3 c = .

③ 8 c + 4 c = .
12 c — 5 c = .
11 c + 4 c = .
18 c — 6 c = .
6 c — 4 c = .

④ 15 c — ? = 11 c
8 c + ? = 10 c
12 c — ? = 8 c
18 c + ? = 20 c
9 c — ? = 5 c

⑤ 15 c — 5 c = .
15 c + 5 c = .
12 c + 5 c = .
12 c — 5 c = .
7 c + 5 c = .

⑥ 12 c + 4 c = .
12 c — 4 c = .
7 c + 4 c = .
19 c — 4 c = .
7 c — 4 c = .

⑦ 19 c — 3 c = .
5 c + 3 c = .
11 c + 3 c = .
12 c + 3 c = .
8 c + 3 c = .

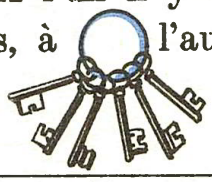
⑧ 6 c + 6 c =
13 c — 6 c = .
9 c — 6 c = .
12 c + 6 c = .
8 c + 6 c = .

⑨ 8 c + ? = 10 c
18 c + ? = 20 c
12 c — ? = 10 c
15 c + ? = 20 c
12 c — ? = 8 c

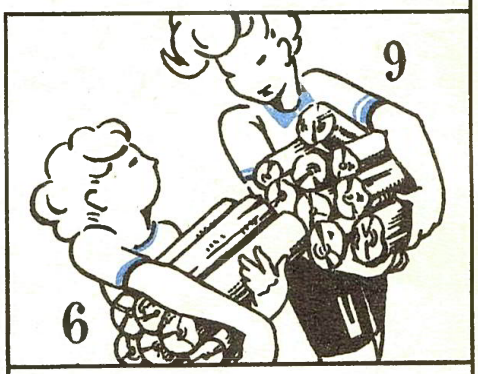
Mado avait 15 perles.

Combien en a-t-elle perdu ?

Le papa de Jean a 2 trousseaux de clés. A l'un il y a 8 clés, à l'autre 6.



?



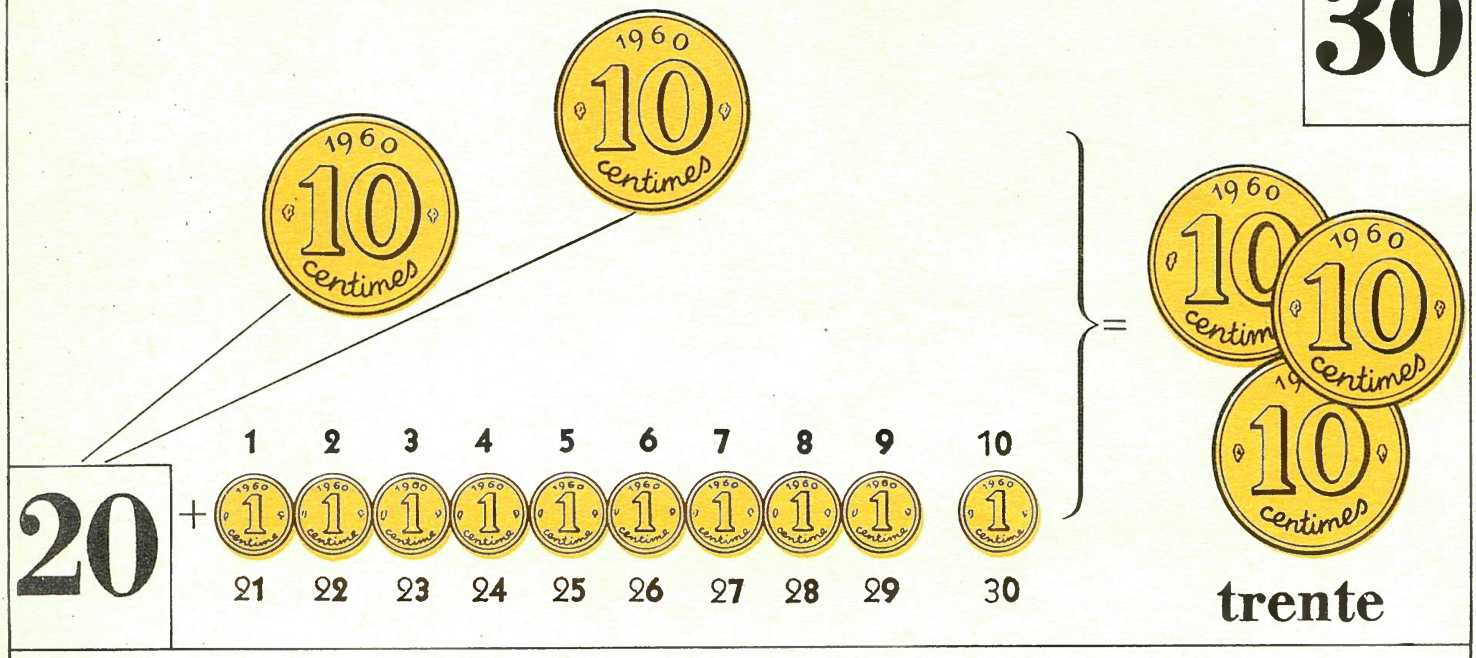
Combien de bûches ?

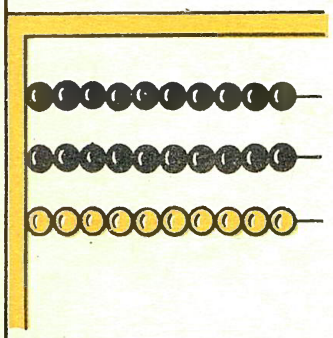
⑩ 5 + 5 ou 2 fois 5 = .
4 + 4 ou 2 fois 4 = .
9 + 9 ou 2 fois 9 = .
10 + 10 ou 2 fois 10 = .
8 + 8 ou 2 fois 8 = .
7 + 7 ou 2 fois 7 = .
6 + 6 ou 2 fois 6 = .

⑪ 3 + 3 + 3 = .
4 + 4 + 4 = .
5 + 5 + 5 = .
6 + 6 + 6 = .
2 + 2 + 2 = .
4 + 4 + 4 = .
5 + 5 + 5 = .

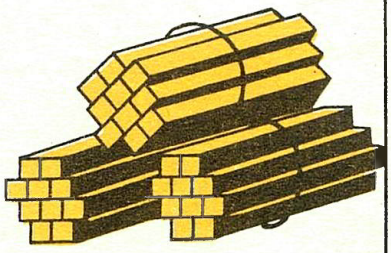
⑫ 12 = 4 + 4 + .
16 = 4 + 4 + . + .
20 = 4 + 4 + . + . + .
10 = 5 + .
15 = 5 + 5 + .
20 = 5 + 5 + . + .
12 = 3 + 3 + . + .

30





1 - 2 - 3 →	10	- 9 →	1
21 - 22 →	30	- 29 →	21
15 - 16 →	25	- 24 →	15
0 - 2 - 4 →	10	- 8 →	0
20 - 22 →	30	- 28 →	20
16 - 18 →	26	- 24 →	16



① 20 + 1 = .
20 + 5 = .
20 + 4 = .
20 + 6 = .
20 + 2 = .
20 + 9 = .
20 + 3 = .
20 + 10 = .

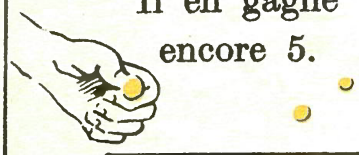
② 2 + 3 = .
22 + 3 = .
4 + 2 = .
24 + 2 = .
21 + 4 = .
28 + 1 = .
25 + 4 = .
29 + 1 = .

③ 8 − 1 = .
28 − 1 = .
5 − 4 = .
25 − 4 = .
22 − 2 = .
29 − 3 = .
26 − 5 = .
27 − 7 = .

④ 3 + ? = 5
23 + ? = 25
4 − ? = 2
24 − ? = 22
21 + ? = 24
29 − ? = 28
25 + ? = 27
22 − ? = 20

⑤ 30 − 1 = .
30 − 5 = .
30 − 2 = .
30 − 10 = .
30 − 9 = .
30 − 3 = .
30 − 4 = .
30 − 5 = .

⑥ René a 21 billes. Il en gagne encore 5.



?

⑦ Ce matin maman avait 25 oranges. Ce soir elle en a encore 22.

?

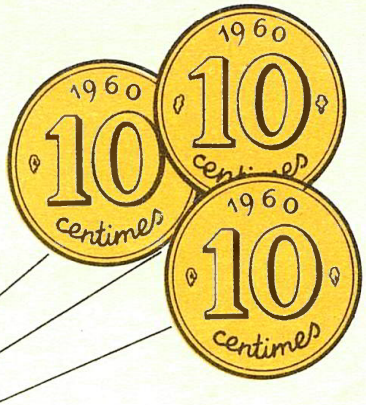
⑧ Jean a 27 billes. Il en perd 5.

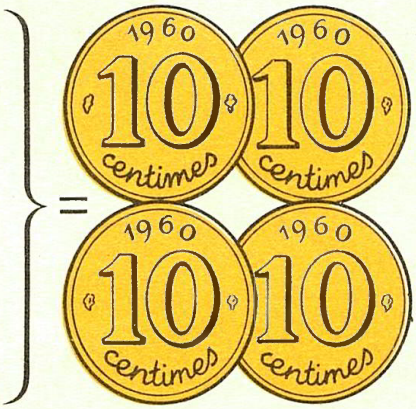
?

20 + 4 — 22 + 3 — 30 − 4

22 + 5 — 28 − 2 — 28 + 4

40

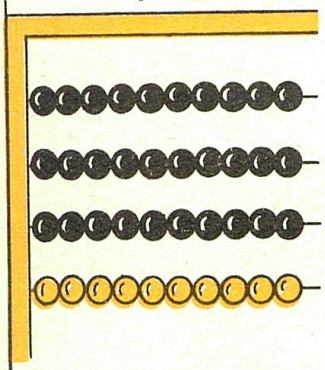




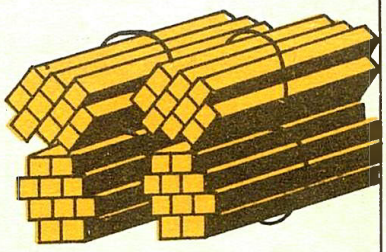
30 + 1 2 3 4 5 6 7 8 9 10

31 32 33 34 35 36 37 38 39 40

= **quarante**



1-2-3 →	10	9 →	1
31-32 →	40	39 →	31
27-28 →	37	36 →	27
0-2-4 →	10	8 →	0
30-32 →	40	38 →	30
24-26 →	34	32 →	24



① 30 + 1 = .
30 + 4 = .
30 + 6 = .
30 + 9 = .
30 + 7 = .
30 + 5 = .
30 + 3 = .
30 + 2 = .

② 2 + 2 = .
32 + 2 = .
5 + 1 = .
35 + 1 = .
31 + 4 = .
37 + 3 = .
36 + 2 = .
34 + 4 = .

③ 8 − 1 = .
38 − 1 = .
9 − 2 = .
39 − 2 = .
33 − 3 = .
35 − 3 = .
32 − 2 = .
37 − 4 = .

④ 3 + ? = 6
33 + ? = 36
7 − ? = 5
37 − ? = 35
32 + ? = 34
39 + ? = 40
32 − ? = 30
35 + ? = 37

⑤ 40 − 1 = .
40 − 3 = .
40 − 5 = .
40 − 4 = .
40 − 9 = .
40 − 4 = .
40 − 2 = .
40 − 3 = .

⑥ Notre poirier avait 38 poires. Le vent en a fait tomber 4.

?

⑦ Maman avait 32 œufs. Les poules en ont pondu 5. encore

?

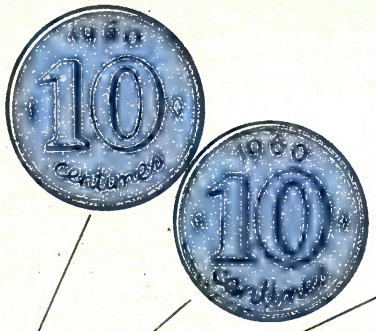
⑧ Il y a 36 marches à monter jusqu'au 2e étage. Mado en a monté 32.

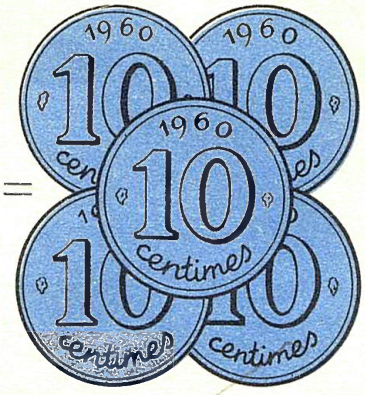
?

30 + 3 = ___ 40 − 2 = ___ 35 + 5 = ___

31 + 4 = ___ 36 + 3 = ___ 38 − 4 = ___

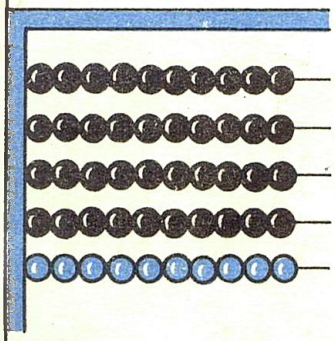
50



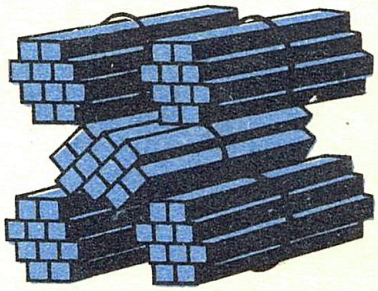


40 + 1 2 3 4 5 6 7 8 9 10

41 42 43 44 45 46 47 48 49 50 = **cinquante**



1 – 2 →	10	– 9 →	1
41 – 42 →	50	– 49 →	41
35 – 36 →	45	– 44 →	35
0 – 2 – 4 →	10	– 8 →	0
40 – 42 →	50	– 48 →	40
36 – 38 →	48	– 46 →	36



① 40 + 2 = .
40 + 5 = .
40 + 9 = .
40 + 1 = .
40 + 8 = .
40 + 3 = .
40 + 2 = .
40 + 4 = .

② 1 + 2 = .
41 + 2 = .
4 + 4 = .
44 + 4 = .
43 + 3 = .
48 + 2 = .
47 + 1 = .
42 + 4 = .

③ 8 – 2 = .
48 – 2 = .
4 – 4 = .
44 – 4 = .
47 – 2 = .
43 – 2 = .
49 – 2 = .
46 – 5 = .

④ 3 + ? = 4
43 + ? = 44
9 – ? = 6
49 – ? = 46
43 + ? = 46
42 + ? = 45
49 – ? = 48
47 – ? = 44

⑤ 50 – 2 = .
50 – 5 = .
50 – 1 = .
50 – 4 = .
50 – 9 = .
50 – 8 = .
50 – 7 = .
50 – 6 = .

⑥ Sur un camion, il y a 48 sacs de farine. On en décharge 6.

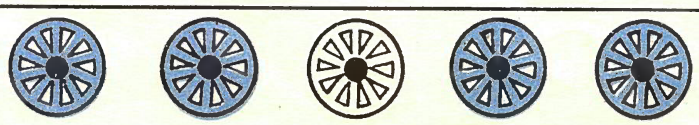
?

⑦

⑧ René a cueilli 41 fraises. Jean en trouve encore 5.

?

$\begin{array}{r} 40 \\ +\ 9 \\ \hline \end{array}$ $\begin{array}{r} 42 \\ +\ 6 \\ \hline \end{array}$ $\begin{array}{r} 45 \\ -\ 4 \\ \hline \end{array}$



$\begin{array}{r} 50 \\ -\ 1 \\ \hline \end{array}$ $\begin{array}{r} 50 \\ -\ 5 \\ \hline \end{array}$ $\begin{array}{r} 43 \\ +\ 4 \\ \hline \end{array}$

Révision : de 1 à 50

1	2	3					8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Comptons : de 1 à 22, de 22 à 1 — de 37 à 49, de 49 à 37
de 22 à 41, de 41 à 22 — de 39 à 50, de 50 à 39

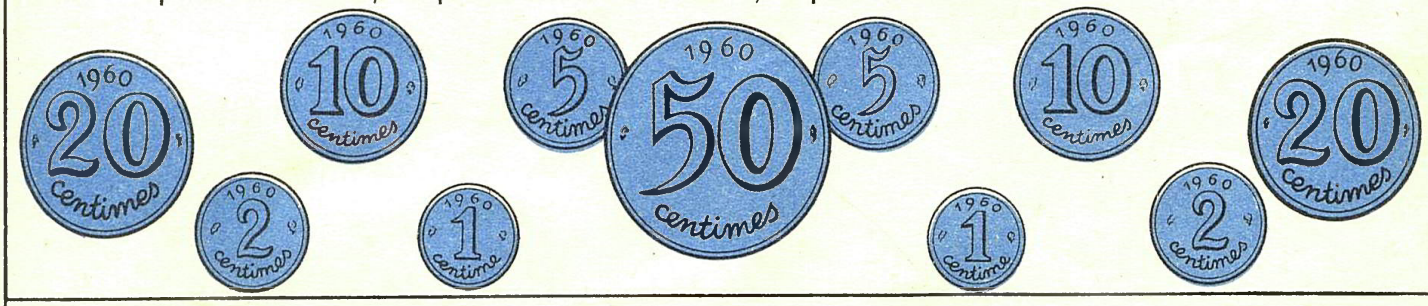
Comptons de 2 en 2 : de 4 à 18, de 18 à 4 — de 28 à 44, de 44 à 28
de 17 à 35, de 35 à 17 — de 39 à 49, de 49 à 39

Comptons de 10 en 10 : de 10 à 50, de 50 à 10 — de 1 à 41, de 41 à 1
de 4 à 44, de 44 à 4 — de 5 à 45, de 45 à 5

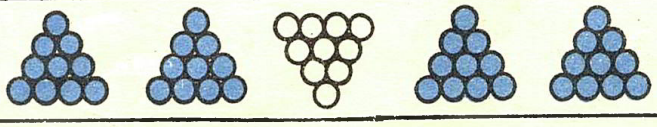
Comptons de 5 en 5 : de 5 à 50, de 50 à 0

①	②	③	④	⑤
2 + 4 = .	6 − 2 = .	42 + 5 = .	7 + ? = 10	36 + 4 = .
12 + 4 = .	26 − 2 = .	37 − 5 = .	17 + ? = 20	20 − 4 = .
32 + 4 = .	46 − 2 = .	22 + 3 = .	37 + ? = 40	47 + 3 = .
42 + 4 = .	16 − 2 = .	19 − 4 = .	8 − ? = 4	30 − 5 = .
4 + 5 = .	7 − 3 = .	7 − 6 = .	28 − ? = 24	12 + 8 = .
24 + 5 = .	27 − 3 = .	21 + 7 = .	48 − ? = 44	10 − 4 = .
34 + 5 = .	47 − 3 = .	48 − 6 = .	32 + ? = 36	22 + 8 = .
3 + 6 = .	8 − 7 = .	32 + 3 = .	49 − ? = 45	44 + 6 = .
13 + 6 = .	18 − 7 = .	8 − 5 = .	26 + ? = 29	40 − 4 = .

A l'aide des pièces de monnaie, composons 50 c de toutes les façons possibles :

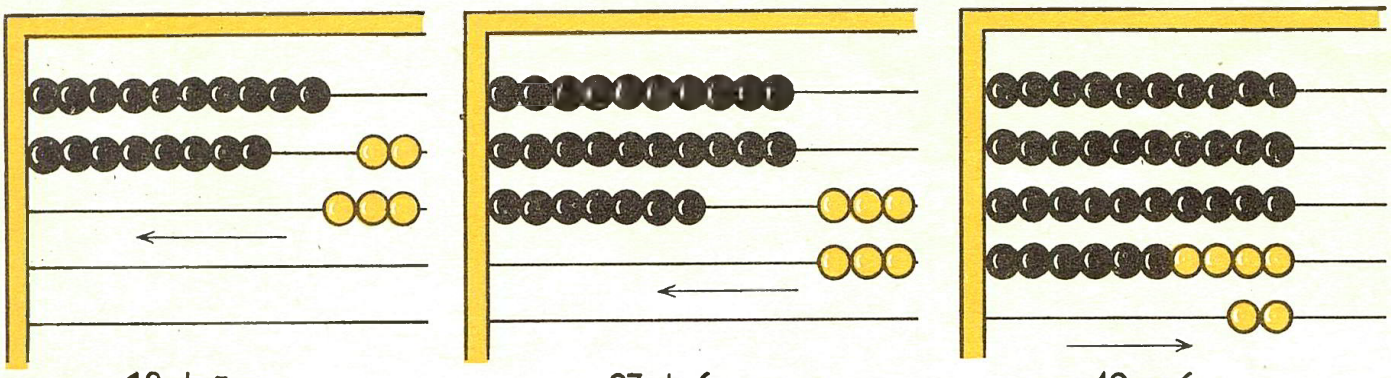


$\begin{array}{r} 12 \\ +\ 5 \\ \hline \end{array}$ $\begin{array}{r} 47 \\ -\ 4 \\ \hline \end{array}$ $\begin{array}{r} 32 \\ +\ 6 \\ \hline \end{array}$



$\begin{array}{r} 24 \\ -\ 4 \\ \hline \end{array}$ $\begin{array}{r} 41 \\ +\ 6 \\ \hline \end{array}$ $\begin{array}{r} 39 \\ -\ 9 \\ \hline \end{array}$

LE PASSAGE D'UNE DIZAINE A UNE AUTRE



18 + 5

18 + 2 = 20
20 + 3 = 23

18 + 5 = 23

27 + 6

27 + 3 = 30
30 + 3 = 33

27 + 6 = 33

42 − 6

42 − 2 = 40
40 − 4 = 36

42 − 6 = 36

① 19 + ? = 20
18 + ? = 20
17 + ? = 20
⋮
11 + ? = 20

② 29 + ? = 30
28 + ? = 30
27 + ? = 30
⋮
21 + ? = 30

③ 39 + ? = 40
38 + ? = 40
⋮
49 + ? = 50
48 + ? = 50
⋮

④ 25 + ? = 30
37 + ? = 40
14 + ? = 20
40 − 5 = .
30 − 3 = .
20 − 2 = .

⑤ 18 + 3 = .
19 + 5 = .
15 + 6 = .
17 + 4 = .
14 + 8 = .
12 + 9 = .
18 + 6 = .
18 + 7 = .
17 + 7 = .
15 + 7 = .

⑥ 29 + 6 = .
28 + 4 = .
28 + 6 = .
25 + 5 = .
25 + 7 = .
24 + 7 = .
29 + 9 = .
23 + 9 = .
27 + 5 = .
27 + 7 = .

⑦ 37 + 4 = .
29 + 4 = .
38 + 9 = .
32 + 9 = .
35 + 7 = .
34 + 7 = .
38 + 5 = .
37 + 8 = .
39 + 9 = .
35 + 5 = .

⑧ 21 − 5 = .
22 − 6 = .
23 − 8 = .
34 − 6 = .
37 − 9 = .
35 − 7 = .
42 − 4 = .
41 − 8 = .
43 − 6 = .
46 − 6 = .

⑨ 15 + 6 = .
42 − 5 = .
27 + 6 = .
31 + 7 = .
12 + 8 = .
24 − 6 = .
38 + 8 = .
21 − 5 = .
32 − 6 = .
24 + 7 = .

⑩ **Dans la Rue Neuve il y a 36 maisons. On en construit encore 8.**

?

⑪ René a 28 centimes dans sa tirelire. Jacqueline en a 32 dans la sienne.

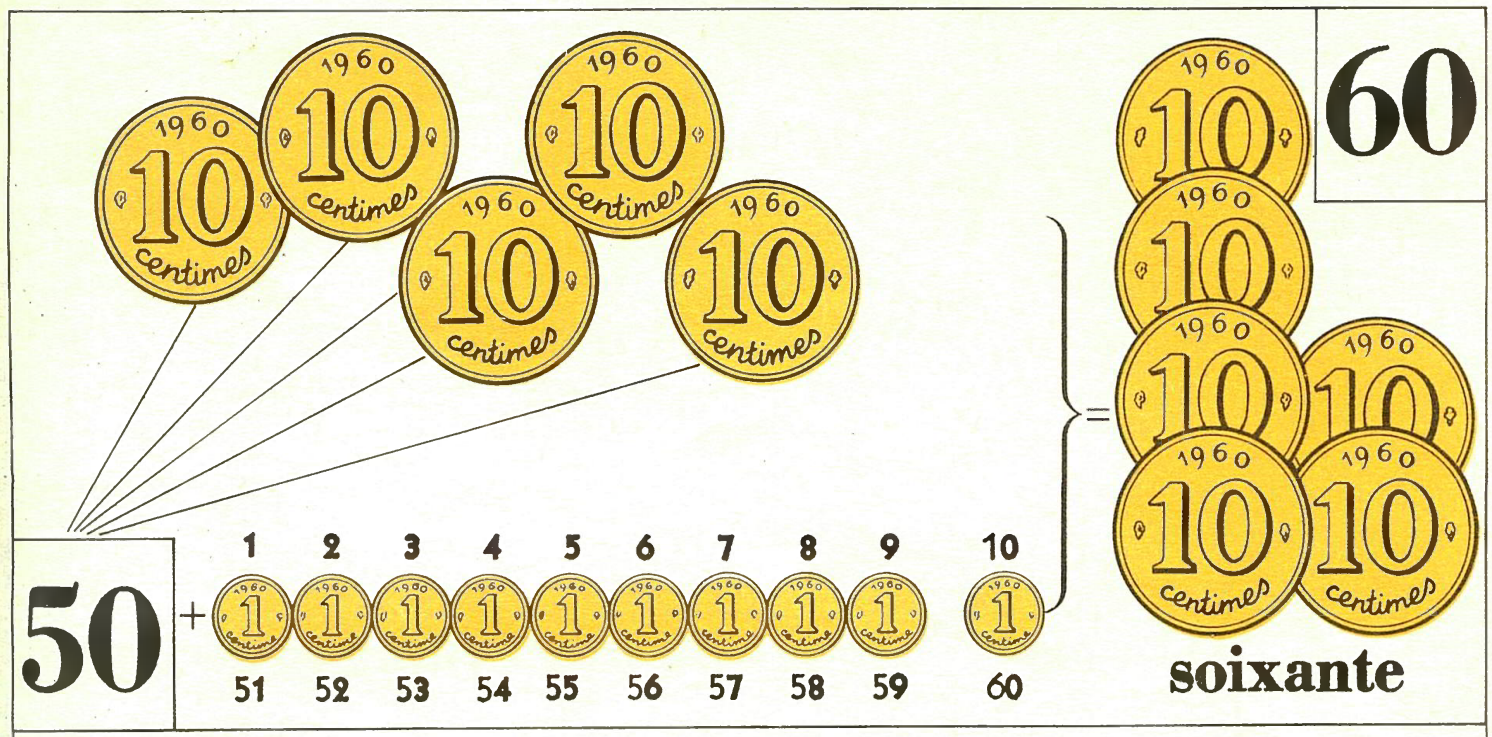
?

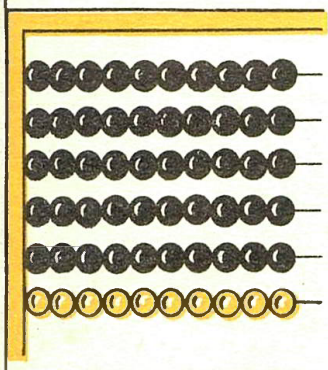
⑫ **Il y avait 23 noisettes sur le noisetier. L'écureuil en a mangé 5.**

?

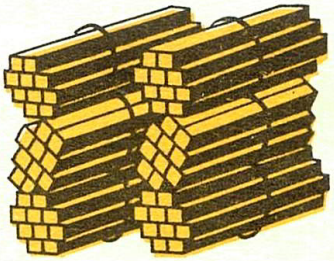
28 + 5 = ___ 42 − 5 = ___ 36 + 5 = ___

41 − 6 = ___ 17 + 6 = ___ 33 − 6 = ___





40 - 41 →	50	49 →	40
50 - 51 →	60	59 →	50
47 - 48 →	57	56 →	47
40 - 42 →	60	58 →	40
45 - 47 →	59	57 →	45
50 - 53 →	59	56 →	50



① 50 + 1 = .
50 + 10 = .
50 + 2 = .
50 + 9 = .
50 + 3 = .
50 + 8 = .
50 + 6 = .
50 + 4 = .

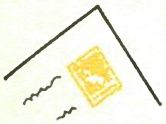
② 51 + 1 = .
59 + 1 = .
55 + 5 = .
50 + 5 = .
53 + 3 = .
54 + 4 = .
52 + 5 = .
57 + 2 = .

③ 59 − 3 = .
53 − 2 = .
55 − 4 = .
56 − 6 = .
53 − 3 = .
59 − 2 = .
58 − 3 = .
58 − 4 = .

④ 52 + ? = 54
56 − ? = 53
57 + ? = 59
58 − ? = 55
54 − ? = 52
53 − ? = 51
55 − ? = 50
58 + ? = 60

⑤ 60 − 2 = .
60 − 5 = .
60 − 10 = .
60 − 1 = .
60 − 4 = .
60 − 3 = .
60 − 6 = .
60 − 9 = .

⑥ René a collectionné 51 timbres. Sa tante lui en donne encore 6.



?

⑦ Samedi Alain avait 60 centimes. Lundi il n'a plus que 50 centimes.

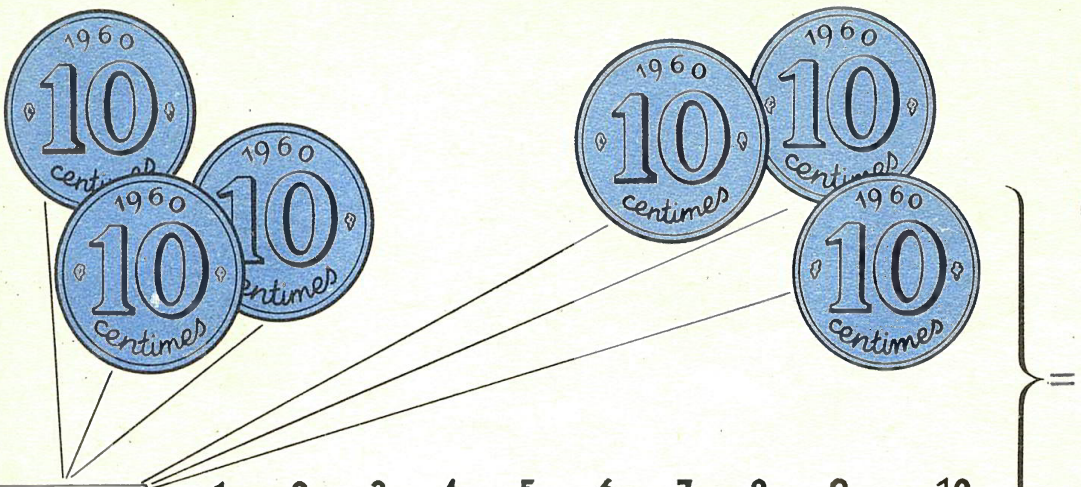
?

⑧ Un chapelier avait 54 chapeaux. Il en a vendu 3.

?

51	58	55	60	59	52
+ 4	− 4	+ 3	− 4	− 3	+ 7

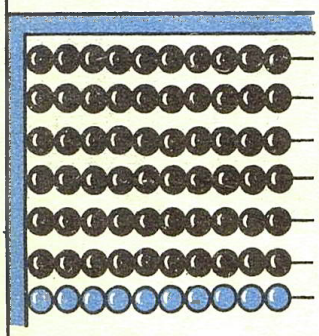
70



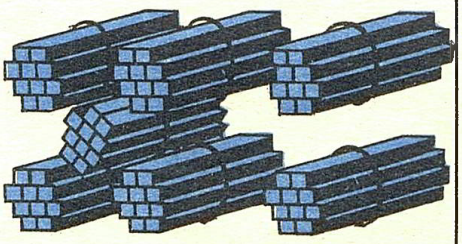
60 + 1 2 3 4 5 6 7 8 9 10

61 62 63 64 65 66 67 68 69 70

= **soixante-dix**



50-51 →	**60**	-59 →	50
60-61 →	**70**	-69 →	60
55-56 →	**70**	-69 →	55
50-52 →	**70**	-68 →	50
55-57 →	**69**	-67 →	55
60-63 →	**69**	-66 →	60



① 60 + 1 = .
60 + 10 = .
60 + 5 = .
60 + 3 = .
60 + 7 = .
60 + 8 = .
60 + 10 = .
60 + 2 = .

② 65 + 5 = .
67 + 3 = .
64 + 6 = .
63 + 3 = .
63 + 6 = .
63 + 7 = .
61 + 8 = .
61 + 9 = .

③ 62 − 2 = .
68 − 2 = .
67 − 2 = .
66 − 4 = .
66 − 2 = .
66 − 5 = .
67 − 5 = .
68 − 5 = .

④ 60 + ? = 70
65 + ? = 70
66 + ? = 70
70 − ? = 68
70 − ? = 66
63 + ? = 67
66 − ? = 61
62 + ? = 69

⑤ 70 − 5 = .
70 − 3 = .
70 − 1 = .
70 − 10 = .
70 − 9 = .
70 − 8 = .
70 − 4 = .
70 − 2 = .

⑥ Mado a fait 62 grands pas. Elle en fait encore 7.

_____ ?

⑦ Hier papa avait 69 cigares. Aujourd'hui il n'en a plus que 66.

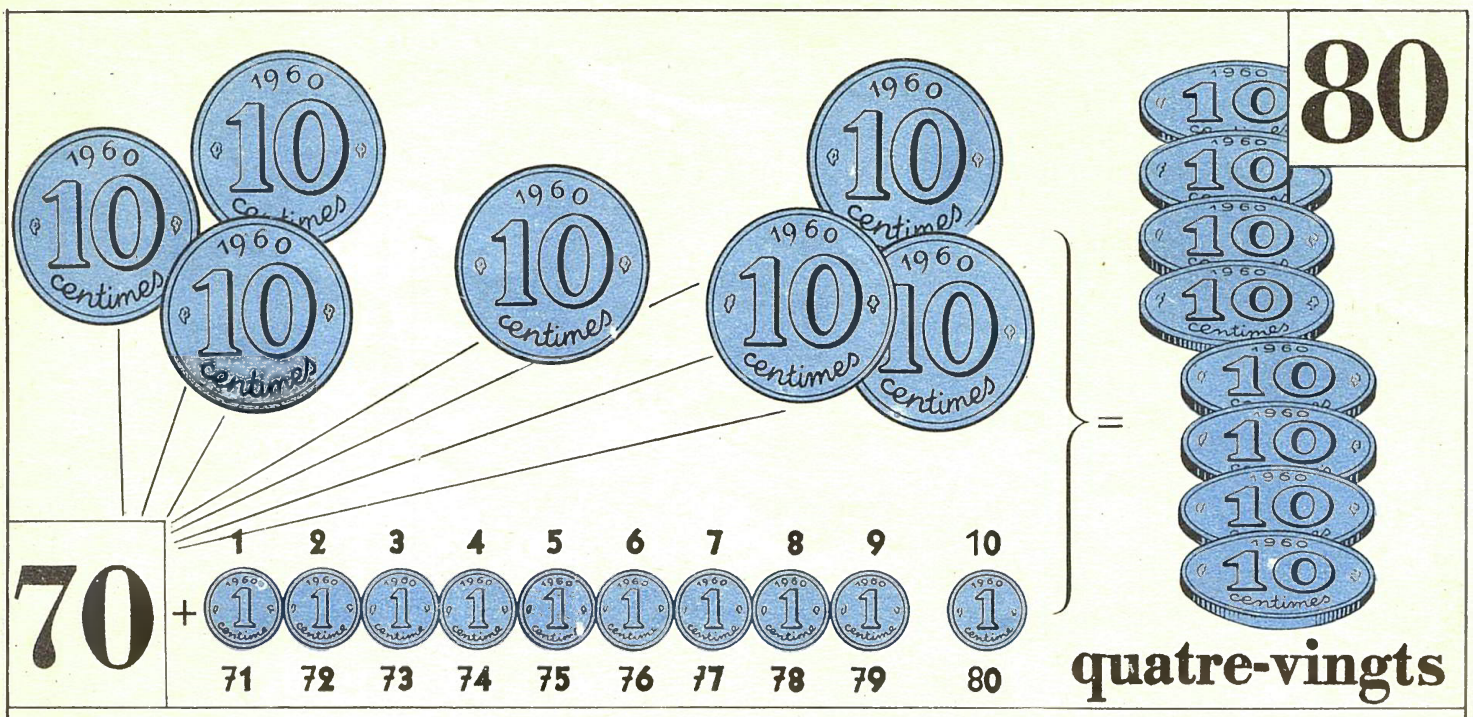
_____ ?

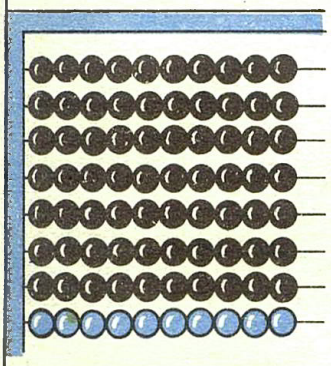
⑧ Une treille a 68 grappes de raisin. On en coupe 8.

_____ ?

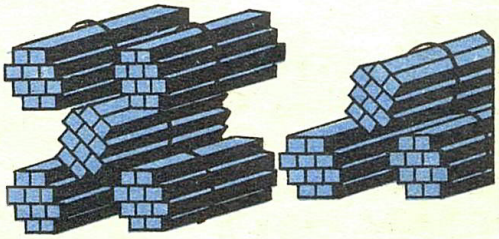
$\begin{array}{r} 63 \\ +\ 6 \\ \hline \end{array}$ $\begin{array}{r} 69 \\ -\ 5 \\ \hline \end{array}$ $\begin{array}{r} 61 \\ +\ 7 \\ \hline \end{array}$

$\begin{array}{r} 70 \\ -\ 3 \\ \hline \end{array}$ $\begin{array}{r} 65 \\ -\ 4 \\ \hline \end{array}$ $\begin{array}{r} 66 \\ +\ 3 \\ \hline \end{array}$





0 - 1 →	20	79 →	0
60 - 61 →	80	79 →	60
2 - 4 →	20	18 →	2
62 - 64 →	80	78 →	62
1 - 3 →	19	17 →	1
61 - 63 →	79	77 →	61



① 10 + 2 = .
70 + 2 = .
10 + 5 = .
70 + 5 = .
70 + 4 = .
70 + 8 = .
70 + 6 = .
70 + 3 = .

② 11 + 3 = .
71 + 3 = .
15 + 2 = .
75 + 2 = .
74 + 4 = .
72 + 3 = .
70 + 10 = .
73 + 6 = .

③ 19 − 3 = .
79 − 3 = .
16 − 4 = .
76 − 4 = .
73 − 3 = .
78 − 4 = .
77 − 6 = .
79 − 8 = .

④ 13 + ? = 16
73 + ? = 76
15 − ? = 11
75 − ? = 71
79 − ? = 77
78 + ? = 80
71 − ? = 70
77 − ? = 74

⑤ 80 − 10 = .
80 − 1 = .
80 − 2 = .
80 − 3 = .
80 − 5 = .
80 − 7 = .
80 − 10 = .
80 − 9 = .

⑥ Un troupeau compte 71 moutons. Il s'augmente de 5 moutons.

?

⑦ Hier il y avait 79 élèves en classe. Aujourd'hui il n'y en a que 77.

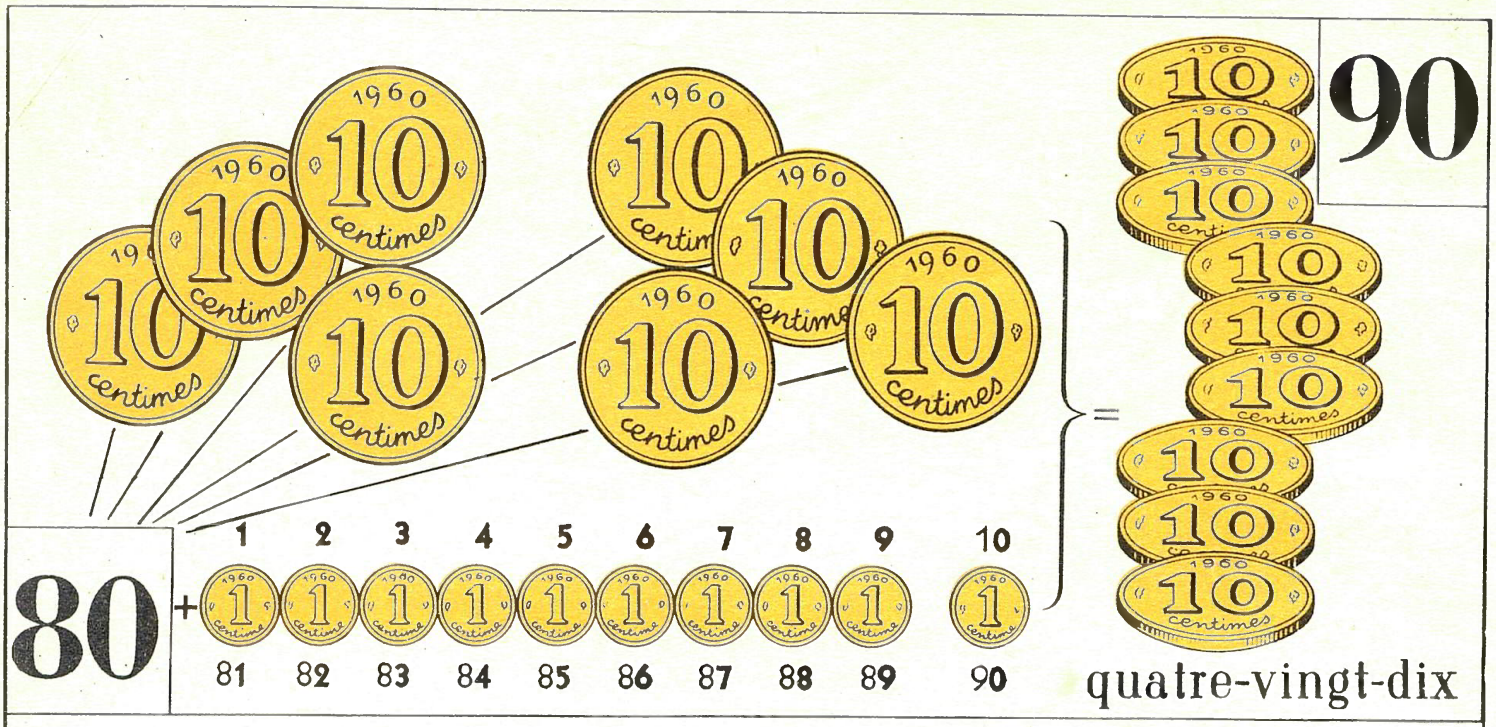
?

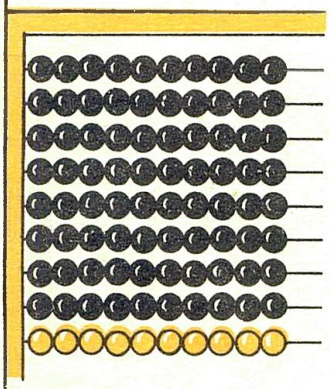
⑧ Dans une pépinière il y avait 79 pommiers. On en a vendu 6.

?

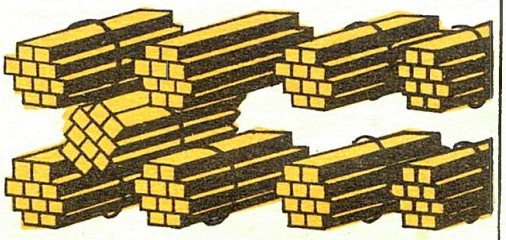
73 + 3 = ___ 79 − 3 = ___ 77 + 3 = ___

71 − 1 = ___ 78 − 4 = ___ 74 + 4 = ___





80 - 81 →	90	- 89 →	80
75 - 76 →	90	- 89 →	75
80 - 82 →	90	- 88 →	80
74 - 76 →	90	- 88 →	74
73 - 75 →	89	- 87 →	73
80 - 83 →	89	- 86 →	80



① 80 + 9 = .
80 + 1 = .
80 + 8 = .
80 + 2 = .
80 + 10 = .
80 + 1 = .
80 + 5 = .
80 + 4 = .

② 81 + 5 = .
81 + 3 = .
81 + 9 = .
81 + 8 = .
81 + 7 = .
81 + 1 = .
83 + 3 = .
85 + 5 = .

③ 89 − 3 = .
83 − 3 = .
88 − 6 = .
86 − 6 = .
85 − 4 = .
85 − 2 = .
87 − 4 = .
84 − 3 = .

④ 80 + ? = 84
90 − ? = 89
81 + ? = 85
87 − ? = 85
86 + ? = 90
89 − ? = 88
83 + ? = 87
87 − ? = 83

⑤ 90 − 1 = .
90 − 10 = .
90 − 5 = .
90 − 2 = .
90 − 9 = .
90 − 8 = .
90 − 7 = .
90 − 3 = .

⑥ Notre bibliothèque compte 81 volumes. Nous en achetons encore 9.

?

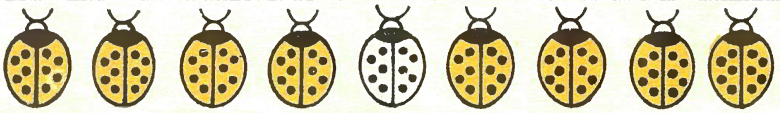
⑦ Il y avait 87 morceaux de sucre dans le sucrier. Après le déjeuner il y en a encore 83.

?

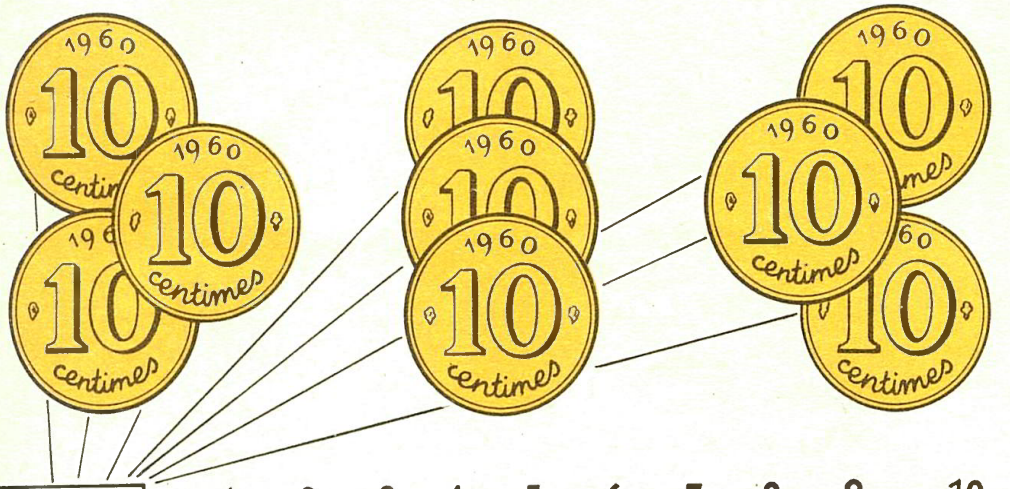
⑧ Un fût contient 88 l de vin. On en retire 6 l.

?

90 − 2   81 + 5   87 + 3



80 + 9   89 − 4   89 − 3

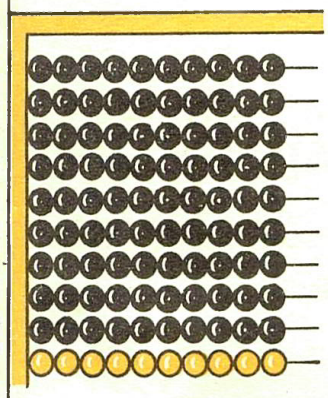


100

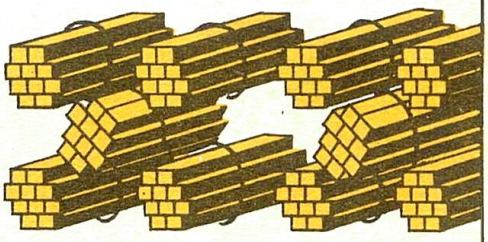
90 + 1 2 3 4 5 6 7 8 9 10

91 92 93 94 95 96 97 98 99 100

= **cent**



0 - 1 - 2 →	20	- 19 →	0
80 - 81 →	100	- 99 →	80
2 - 4 →	20	- 18 →	2
82 - 84 →	100	- 98 →	82
1 - 3 →	19	- 17 →	1
81 - 83 →	99	- 97 →	81



① 10 + 5 = .
90 + 5 = .
90 + 4 = .
90 + 3 = .
90 + 2 = .
90 + 1 = .
90 + 6 = .
90 + 10 = .

② 16 + 3 = .
96 + 3 = .
96 + 2 = .
94 + 2 = .
94 + 4 = .
94 + 6 = .
93 + 3 = .
93 + 6 = .

③ 18 − 3 = .
98 − 3 = .
98 − 5 = .
98 − 6 = .
92 − 2 = .
94 − 3 = .
99 − 9 = .
99 − 7 = .

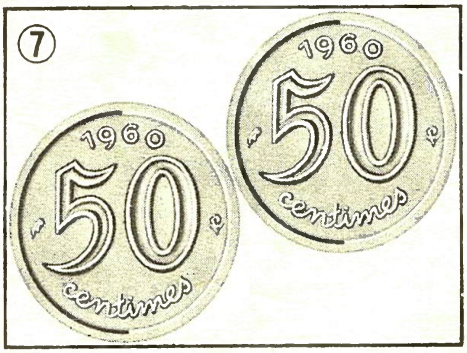
④ 15 + ? = 17
95 + ? = 97
16 − ? = 14
96 − ? = 94
99 + ? = 100
99 − ? = 90
93 + ? = 97
96 − ? = 93

⑤ 100 − 1 = .
100 − 10 = .
100 − 9 = .
100 − 8 = .
100 − 2 = .
100 − 3 = .
100 − 5 = .
100 − 7 = .

⑥ Dans une école il y a 92 élèves. 8 nouveaux arrivent.

?

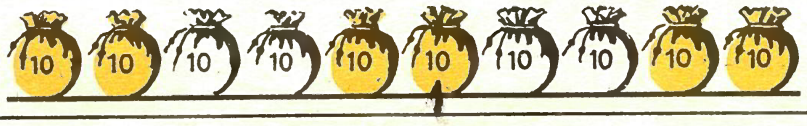
⑦



⑧ Dans une basse-cour il y a 95 poules. Le renard en emporte 4.

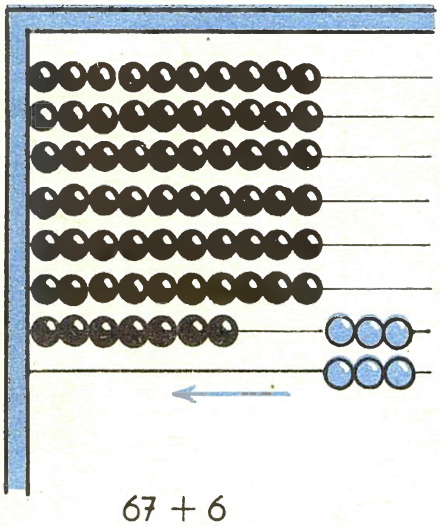
?

99 − 3 96 + 3 96 − 3



91 + 5 96 + 3 99 − 8

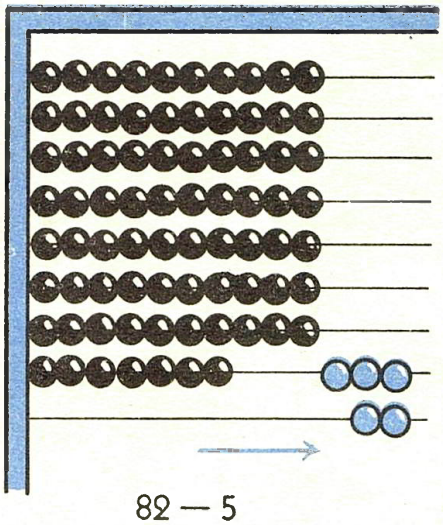
LE PASSAGE D'UNE DIZAINE A UNE AUTRE



67 + 6

67 + 3 = 70
70 + 3 = 73

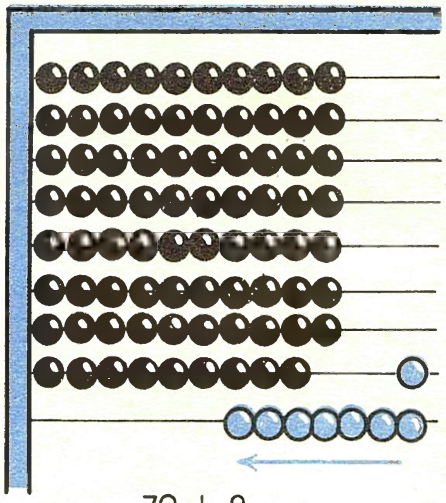
67 + 6 = 73



82 — 5

82 — 2 = 80
80 — 3 = 77

82 — 5 = 77



79 + 8

79 + 1 = 80
80 + 7 = 87

79 + 8 = 87

① 59 + ? = 60
58 + ? = 60
57 + ? = 60
⋮
51 + ? = 60

② 69 + ? = 70
68 + ? = 70
⋮
79 + ? = 80
78 + ? = 80
⋮

③ 89 + ? = 90
88 + ? = 90
⋮
99 + ? = 100
98 + ? = 100
⋮

④ 75 + ? = 80
88 + ? = 90
56 + ? = 66
47 + ? = 56
94 + ? = 100
66 + ? = 70

⑤ 47 + 4 = .
57 + 4 = .
67 + 4 = .
78 + 3 = .
88 + 3 = .
75 + 6 = .
65 + 6 = .
87 + 6 = .
54 + 7 = .
63 + 8 = .

⑥ 56 + 7 = .
63 + 7 = .
89 + 5 = .
67 + 5 = .
48 + 6 = .
59 + 4 = .
63 + 8 = .
72 + 9 = .
99 + 1 = .
89 + 3 = .

⑦ 53 — 4 = .
73 — 4 = .
93 — 4 = .
62 — 6 = .
71 — 5 = .
82 — 7 = .
81 — 9 = .
53 — 8 = .
78 — 9 = .
91 — 9 = .

⑧ 68 — 8 = .
68 — 9 = .
93 — 4 = .
77 — 7 = .
77 — 8 = .
51 — 2 = .
51 — 8 = .
83 — 6 = .
85 — 6 = .
93 — 5 = .

⑨ 58 + 5 = .
58 — 9 = .
63 + 8 = .
63 — 6 = .
75 + 7 = .
75 — 7 = .
89 + 9 = .
89 — 9 = .
92 — 4 = .
51 — 2 = .

⑩ Jean compte les autos qui passent:
Avant midi 9,
après midi 54.

?

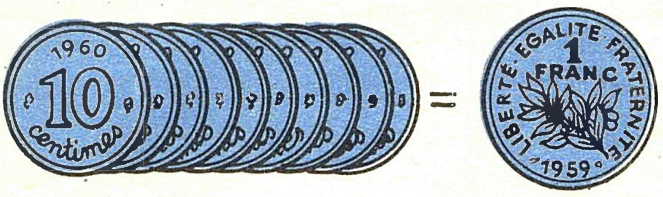
Mon frère pèse 50 kg, ma sœur pèse 48 kg.

?

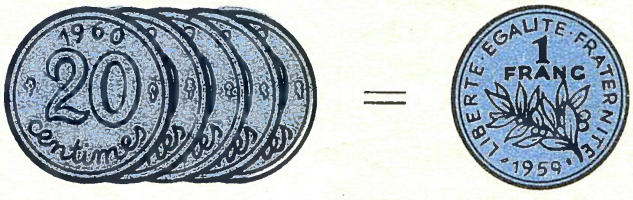
Il y avait 75 cahiers dans l'armoire.
Le maître en distribue 8.

?

RÉVISION DE 0 à 100



10 pièces de 10 c = 100 c ou 1 Franc



5 pièces de 20 c = 100 c ou 1 Franc

① A l'aide des pièces de monnaie

comptons de **2** en **2** :	de **50** à **72**	—	de **72** à **50**
	de **60** à **92**	—	de **92** à **60**
comptons de **5** en **5** :	de **5** à **30**	—	de **30** à **5**
	de **30** à **60**	—	de **60** à **30**
comptons de **10** en **10** :	de **40** à **100**	—	de **100** à **40**
	de **45** à **95**	—	de **95** à **45**
comptons de **20** en **20** :	de **0** à **100**	—	de **100** à **0**
	de **10** à **90**	—	de **90** à **10**

② Pour obtenir **100** centimes ou **1** F, quelle pièce faut-il ajouter à **50** c ? à **99** c ? à **95** c ? à **90** c ? à **80** c ? à **98** c ?

③ Complétons à **100** c ou **1** F

avec des pièces de **2** c :	**90** c	**80** c	**76** c	**88** c
avec des pièces de **5** c :	**90** c	**80** c	**50** c	**65** c
avec des pièces de **10** c :	**90** c	**80** c	**50** c	**20** c
avec des pièces de **20** c :	**80** c	**40** c	**20** c	**60** c

⑥ Jacqueline a écossé 62 petits pois. Jean en écosse encore 7.

?

⑦ Je mesure 89 cm, dit Jean. Moi, 86 cm, dit Robert

?

⑧ Pierrette va au marché avec 55 œufs. En route elle en casse 4.

?

L'ADDITION

23 centimes + 5 centimes

d.	u.	d. u.
		23
		+ 5
2 d.	8 u.	=28

Je dis:

5 u. + 3 u. = 8 u.

J'écris 8 sous les unités.

Il y a 2 dizaines.

J'écris 2 sous les dizaines.

Le total est 28.

J'additionne:

$$\begin{array}{r} 52 \\ +\,7 \\ \hline \end{array} \quad \begin{array}{r} 42 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} 85 \\ +\,4 \\ \hline \end{array} \quad \begin{array}{r} 31 \\ +\,6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ +\,7 \\ \hline \end{array} \quad \begin{array}{r} 94 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} 73 \\ +\,3 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ +\,7 \\ \hline \end{array} \quad \begin{array}{r} 91 \\ +\,8 \\ \hline \end{array} \quad \begin{array}{r} 65 \\ +\,4 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ +\,7 \\ \hline \end{array} \quad \begin{array}{r} 52 \\ +\,4 \\ \hline \end{array}$$

Je pose de la même façon: 36 + 3 81 + 7 64 + 3 92 + 6 75 + 8

32 centimes + 25 centimes

d.	u.	d. u.
		32
		+25
5 d.	7 u.	=57

Je dis:

5 u. + 2 u. = 7 u.

J'écris sous les unités.

2 d. + 3 d. = 5 d.

J'écris 5 sous les dizaines.

Le total est 57.

J'additionne:

$$\begin{array}{r} 15 \\ +23 \\ \hline \end{array} \quad \begin{array}{r} 21 \\ +37 \\ \hline \end{array} \quad \begin{array}{r} 65 \\ +24 \\ \hline \end{array} \quad \begin{array}{r} 37 \\ +62 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ +55 \\ \hline \end{array} \quad \begin{array}{r} 33 \\ +33 \\ \hline \end{array} \quad \begin{array}{r} 73 \\ +12 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ +35 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ +62 \\ \hline \end{array} \quad \begin{array}{r} 81 \\ +15 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ +75 \\ \hline \end{array} \quad \begin{array}{r} 51 \\ +27 \\ \hline \end{array} \quad \begin{array}{r} 42 \\ +36 \\ \hline \end{array} \quad \begin{array}{r} 30 \\ +35 \\ \hline \end{array} \quad \begin{array}{r} 42 \\ +57 \\ \hline \end{array} \quad \begin{array}{r} 63 \\ +26 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ +51 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ +85 \\ \hline \end{array}$$

Je pose de la même façon: 36 + 43 55 + 34 68 + 21 32 + 43 83 + 16

① Jaqueline et Jean cherchent des champignons. Jacqueline en a trouvé 41, Jean 8.

?

② Il y a 32 m de la maison de René à l'église et 46 m de l'église à l'école.

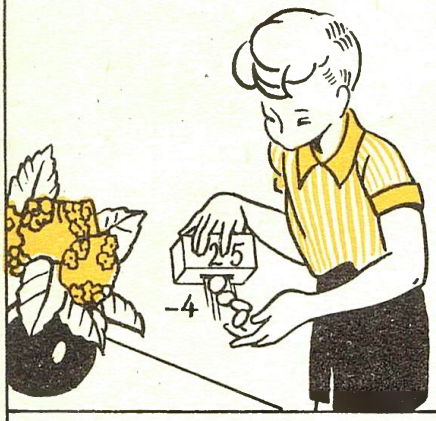
?

③ Les 2 poules de Mado ont des poussins. L'une en a 11. L'autre 13.

?

LA SOUSTRACTION

25 centimes — 4 centimes



d.	u.	d. u.
		25
		— 4
2 d.	1 u.	=21

Je dis:

4 u. ôtées de 5 u. = 1 u.
J'écris 1 sous les unités.
Il y a 2 dizaines.
J'écris 2 sous les dizaines.

Le reste est 21.

Je soustrais:

37	48	56	69	74	85	93	28
—2	—6	—4	—9	—4	—4	—2	—5
19	27	38	48	55	95	45	79
—3	—4	—7	—8	—5	—5	—4	—7

Je pose de la même façon: 67—6 38—5 46—2 6—66 78—7 86—5

45 centimes — 22 centimes

d.	u.	d. u.
		45
		—22
2 d.	3 u.	=23

Je dis:

2 u. ôtées de 5 u. = 3 u.
J'écris 3 sous les unités.
2 d. ôtées de 4 d. = 2 d.
J'écris 2 sous les dizaines.

Le reste est 23.

Je soustrais:

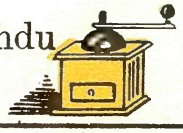
27	39	38	75	95	45	76	63
—12	—15	—16	—34	—45	—24	—25	—41
75	49	87	79	38	88	58	76
—14	—25	—33	—29	—17	—31	—44	—36

Je pose de la même façon: 28—15 36—12 83—51 99—77 57—36 67—62

① Le sabotier avait 44 sabots. Il en a vendu 2 paires.

?

② La crémière avait 58 kg de café. Elle en a vendu 22.

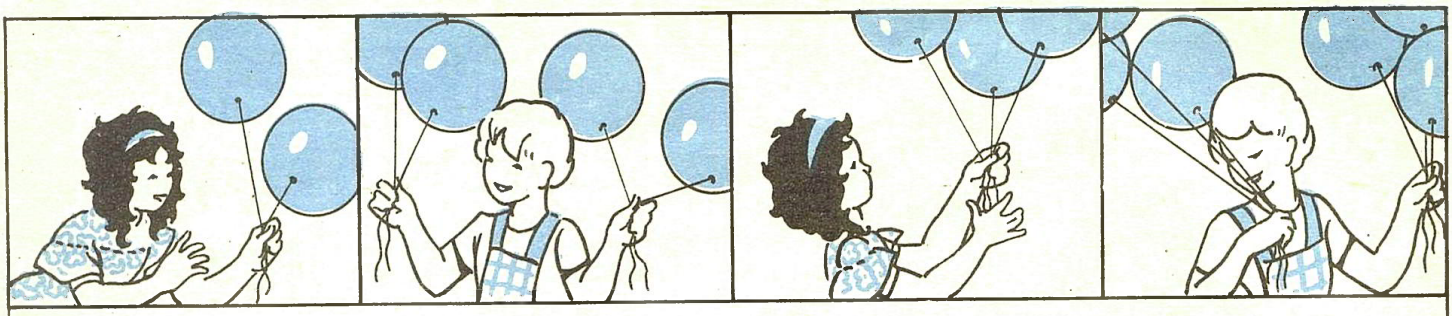


?

③ Lucien avait 22 clous dans son soulier. En parcourant la forêt il en a perdu 12.

?

LA MULTIPLICATION



Le double de 2 ou 2 fois 2 = 4 Le double de 3 ou 2 fois 3 = 6

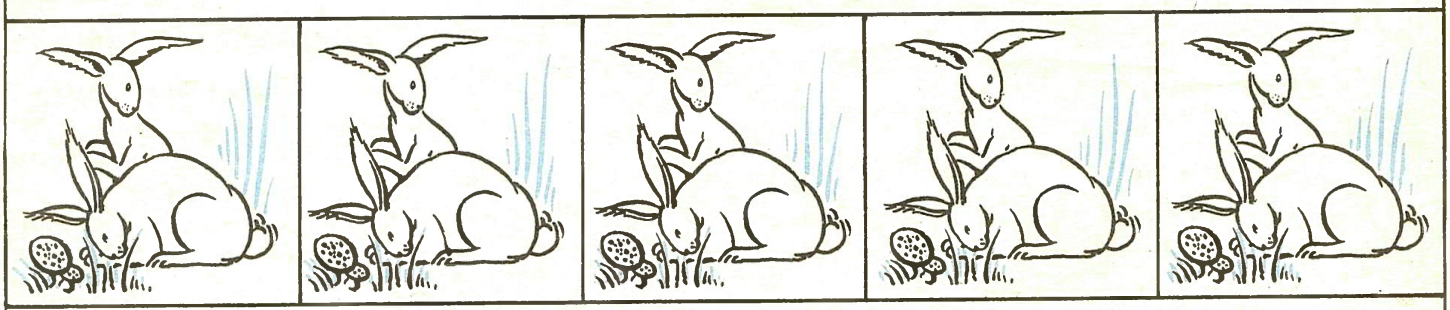
Le double de 5 ou 2 fois 5 = . Le double de 7 ou 2 fois 7 = .

① Le double de 4 = .
— de 6 = .
— de 10 = .
— de 8 = .

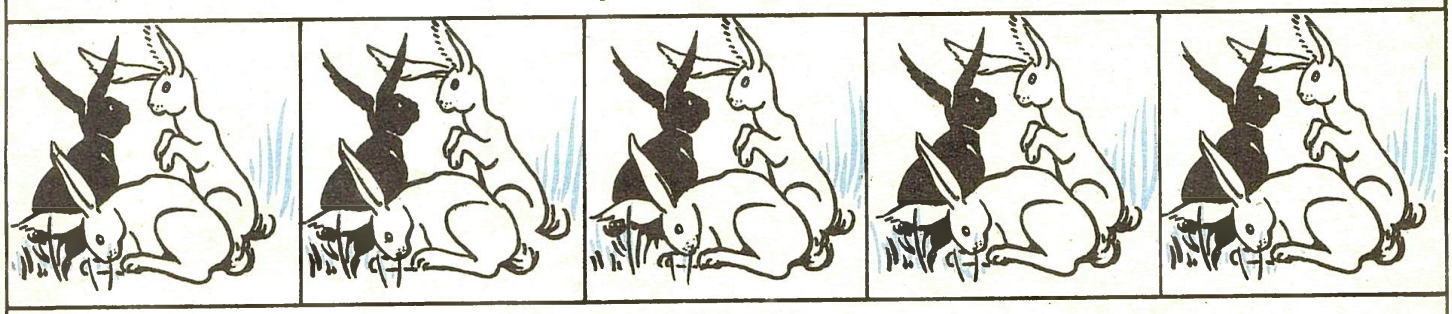
② 2 fois 7 = .
2 fois 9 = .
2 fois 5 = .
2 fois 50 = .

③ 14 est le double de .
20 — de .
100 — de .
10 — de .

④ 2 fois ? = 10
2 fois ? = 14
2 fois ? = 18
2 fois ? = 20



5 fois 2 = 10



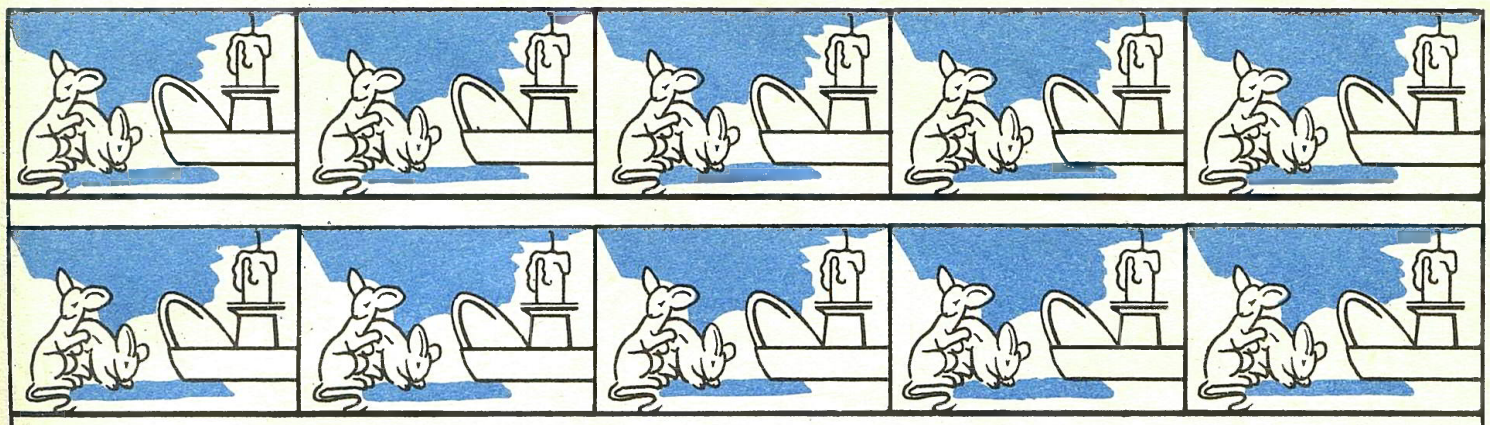
5 fois 3 = 15

⑤ 5 fois 4 = .
5 fois 10 = .
5 fois 2 = .
5 fois 5 = .

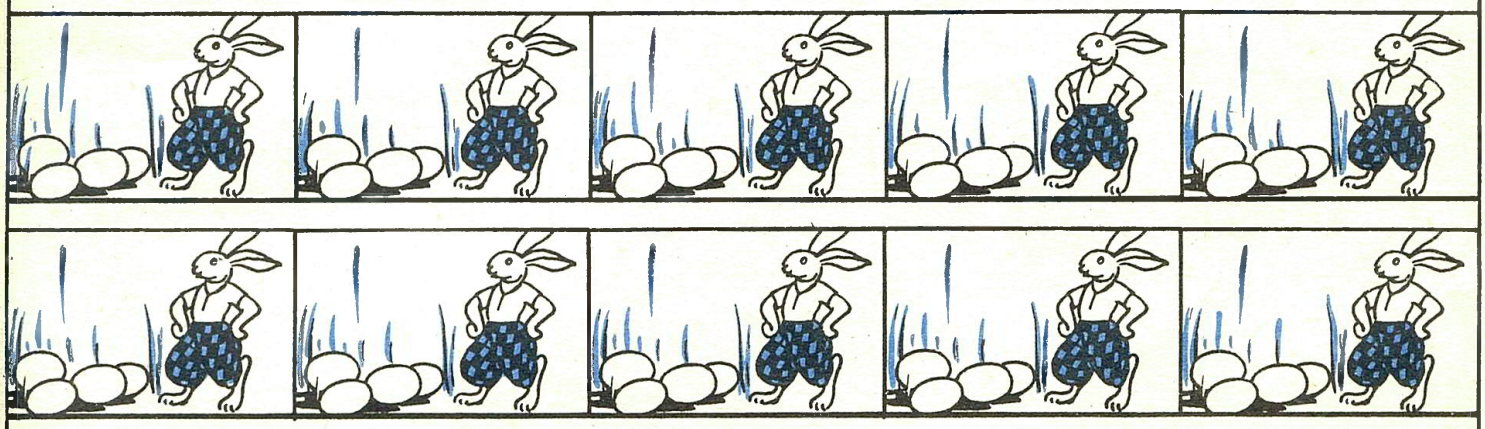
5 fois 2 = .
5 fois 20 = .
5 fois 3 = .
5 fois 10 = .

⑦ 20 = 5 fois .
15 = 5 fois .
10 = 5 fois .
25 = 5 fois .

⑧ 5 fois ? = 15
5 fois ? = 50
5 fois ? = 5
5 fois ? = 20



10 fois 2 = 20



10 fois 4 = 40

---

① 10 fois 3 = .
10 fois 5 = .
10 fois 2 = .
10 fois 8 = .
10 fois 4 = .

② 10 fois 10 = .
10 fois 6 = .
10 fois 9 = .
10 fois 8 = .
10 fois 5 = .

③ 30 = 10 fois .
50 = 10 fois .
40 = 10 fois .
60 = 10 fois .
100 = 10 fois .

④ 10 fois ? = 50
10 fois ? = 10
10 fois ? = 30
10 fois ? = 20
10 fois ? = 100

⑤ Chacune des 2 lapines de Mado a 8 petits.

?

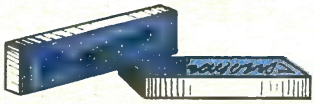
⑥ Dans le préau il y a 10 bancs. Sur chaque banc il y a 3 élèves.

?

⑦ Mado prépare la dînette. Elle met 5 radis dans chacune de ses 5 assiettes.

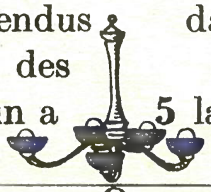
?

⑧ Mireille a acheté 2 boîtes de 10 crayons.



?

⑨ 5 lustres sont suspendus dans la salle des fêtes. Chacun a 5 lampes.



?

⑩ Mireille a cueilli des pensées. Elle en a fait 2 bouquets de 10 fleurs chacun.

?

LA DIVISION

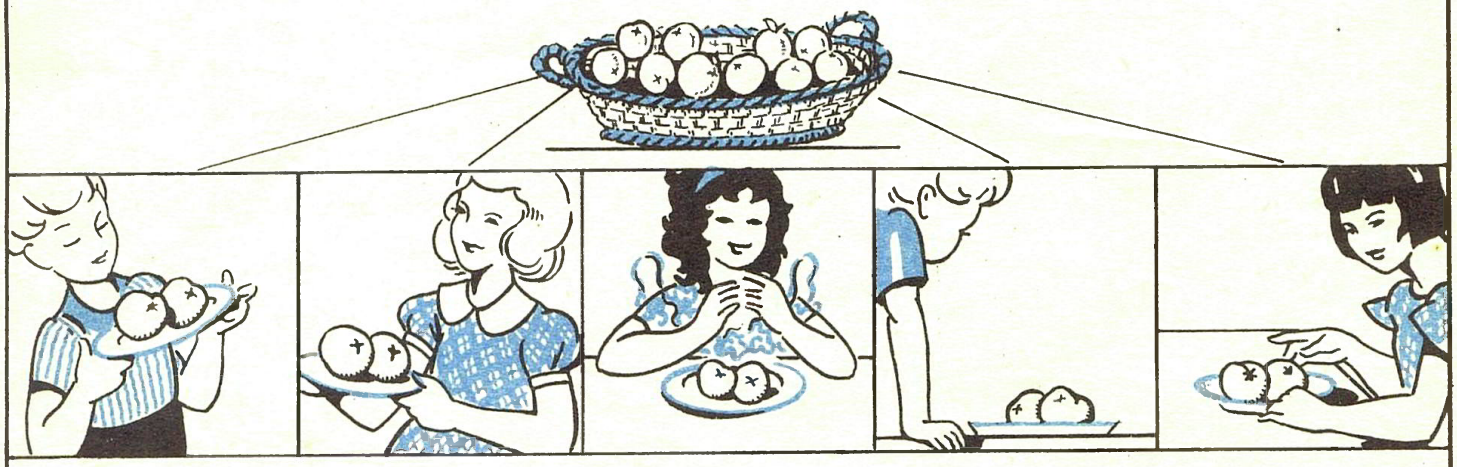
La moitié de 4 = 2

6 divisé par 2 = 3

La moitié de 8 = 4

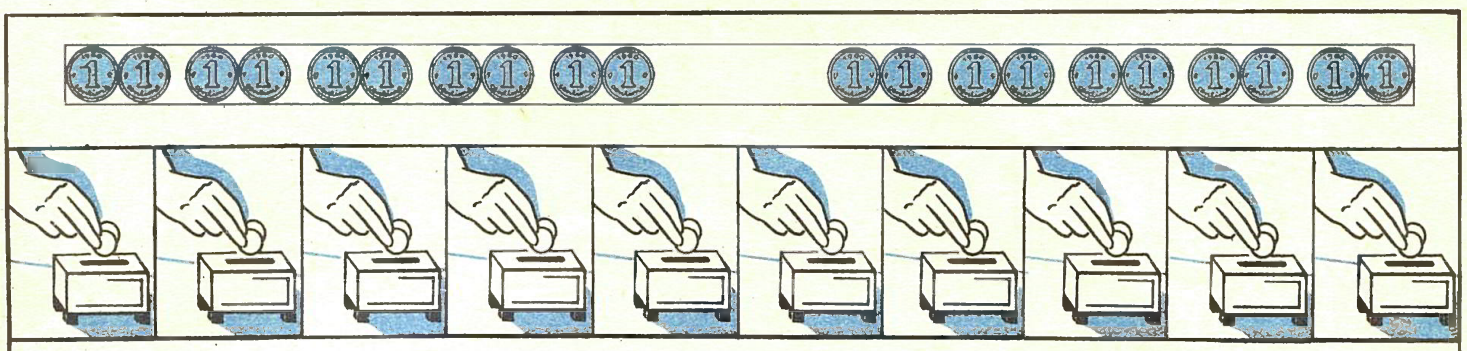
---

①			②			③		
La moitié	de	10 = .	4	divisé par	2 = .	8	est la moitié	de .
—	de	20 = .	8	— par	2 = .	5	—	de .
—	de	12 = .	14	— par	2 = .	10	—	de .
—	de	16 = .	18	— par	2 = .	6	—	de .
—	de	100 = .	40	— par	2 = .	4	—	de .
—	de	8 = .	12	— par	2 = .	50	—	de .

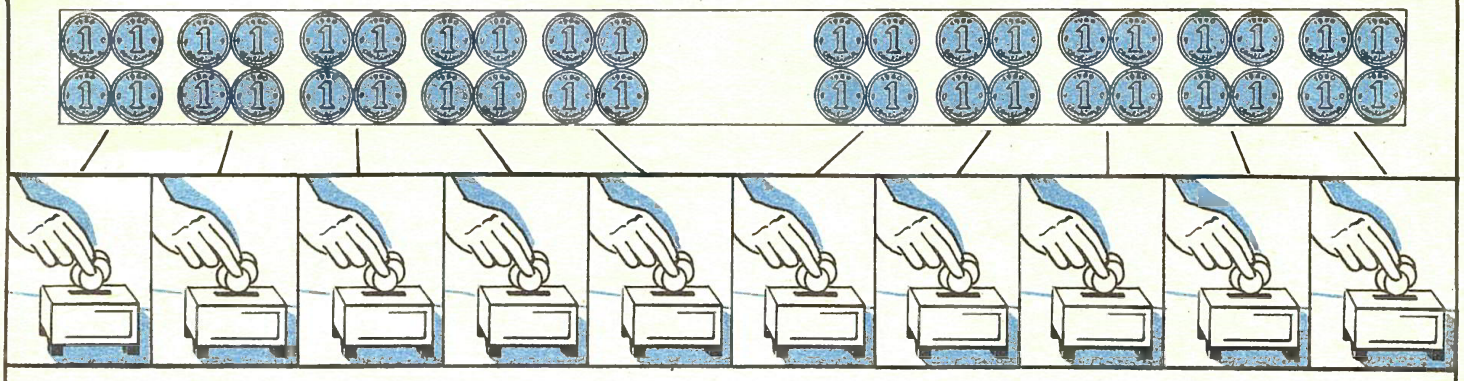


10 divisé par 5 = 2

20 divisé par 5 = 4



20 divisé par 10 = 2



40 divisé par 10 = 4

---

① 10 divisé par 10 = .
20 — par 5 = .
20 — par 10 = .
50 — par 5 = .
50 — par 10 = .
25 — par 5 = .
30 — par 10 = .

② 20 divisé par ? = 5
20 — par ? = 2
8 — par ? = 4
15 — par ? = 3
30 — par ? = 6
25 — par ? = 5
5 — par ? = 5

③ 20 divisé par 10 = .
5 — par 5 = .
50 — par 10 = .
10 — par 10 = .
100 — par 10 = .
25 — par 5 = .
10 — par 5 = .

④ René a découpé 40 roues en bois. Il fabrique de petites autos à 4 roues.

?

⑤ Cécile a un ruban de 6 m. Elle donne la moitié à sa petite amie.

?

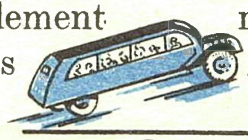
⑥ Pour le 14 juillet, maman a acheté 25 lampions. René les place aux 5 fenêtres de la maison.

?

⑦ Jean joue avec des bobines. Il en a 50. Il en fait 5 tas.

?

⑧ 60 élèves font une excursion. Ils sont également répartis dans



2 cars.

?

⑨ Louis a 50 cartes postales. Il les place par paquets de 10.

?

Paru chez le même éditeur

H. MORGENTHALER
INSPECTEUR
DE L'ENSEIGNEMENT PRIMAIRE

Mme M. ISNARD
INSTITUTRICE

LE LIVRE QUE J'AIME

MÉTHODE DE LECTURE EN DEUX LIVRETS
COURS PRÉPARATOIRE

*

LE CAHIER QUE J'AIME

DEUX CAHIERS DE LECTURE-ECRITURE
ALLANT DE PAIR AVEC LA MÉTHODE « LE LIVRE QUE J'AIME »
COURS PRÉPARATOIRE

MÉTHODES D'ÉCRITURE

E. PRÉVOT ET L. KUBLER

MÉTHODE D'ÉCRITURE

Un Cahier de Minuscules et un Cahier de Majuscules (écriture penchée).
Tableau mural de 118 × 76 cm, avec baguettes métalliques

A. IMBERTY

MÉTHODE D'ÉCRITURE DROITE

Un Cahier de Minuscules et un Cahier de Majuscules

M. BEAUREGARD

MÉTHODE D'ÉCRITURE SCRIPT

Un Cahier de Minuscules et un Cahier de Majuscules
Tableau mural de 118 × 71 cm, avec baguettes métalliques

IMPRIMÉ EN FRANCE
Imprimerie Strasbourgeoise ISIRA 15, rue des Juifs, Strasbourg
N° de l'Editeur: 21.554 - Dépôt légal: 3e trimestre 1960